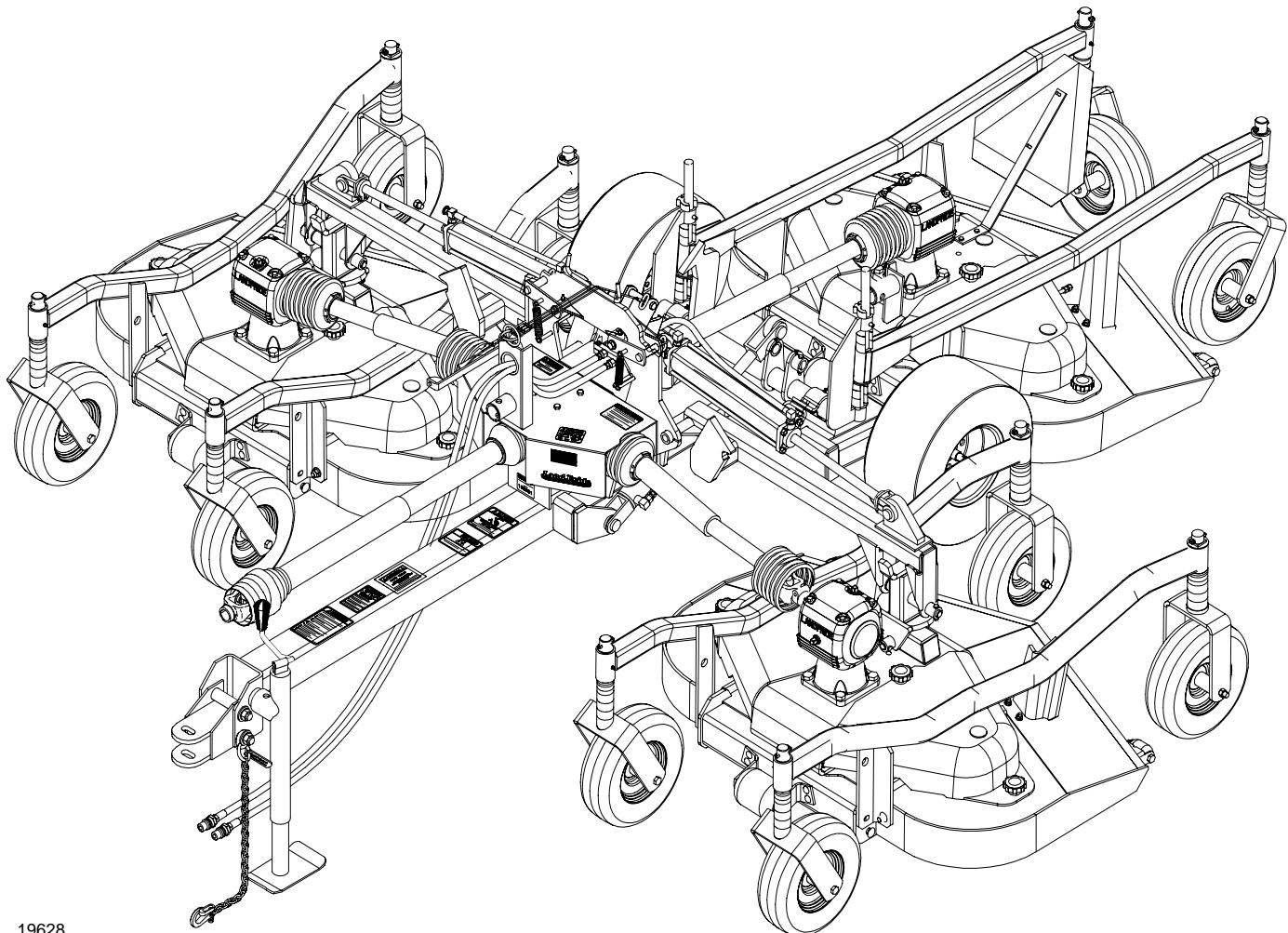


All-Flex Mowers

AFM4211



315-507M
Operator's Manual



Read the Operator's manual entirely. When you see this symbol, the subsequent instructions and warnings are serious - follow without exception. Your life and the lives of others depend on it!

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Cover photo may show optional equipment not supplied with standard unit.

Table of Contents

Important Safety Information	1	Section 5: Maintenance and Lubrication	23
Safety at All Times	1	Maintenance	23
Look For The Safety Alert Symbol	1	Servicing Mower Blades	23
Safety Labels	4	Blade Inspection	23
Introduction	11	Blade Removal And Installation	24
Application	11	Blade Sharpening	25
Using This Manual	11	Blade Options:	25
Terminology	11	V-Belt Installation	25
Definitions	11	Driveline Protection	26
Owner Assistance	11	Type A Clutches	26
Serial Number Plate	11	Type B Clutch	28
Further Assistance	11	Storage	29
Section 1: Assembly and Set-up	12	Tires With Air Pressure	29
Tractor Requirements	12	Lubrication	30
Hardware Torque Information	12	Driveline Constant Velocity Shaft	30
PTO To Drawbar Set-Up	12	Driveline Shafts	30
Tractor Hook-up	12	Inner Tube of Driveline	30
Main Driveline Installation	13	Wheel Support Bushings	31
Hydraulic Hook-up	14	Wheel Bushings (Gauge Wheels)	31
Pull Rope Hook-up	14	Wheel Bushings (Transport Hubs)	31
Gauge Wheel Assembly	14	Blade Spindle Bearings, Center Deck	31
Bleeding Hydraulics	15	4-Way Gearbox	32
Section 2: Operating Instructions	16	Mower Deck Gearbox	32
Introduction	16	Blade Spindle Bearings, Wing Decks	32
U-Joint Timing	16	Tool Bar To Floating Link Pivot Pin	32
Transporting	16	Transport Locks	33
Constant Velocity Driveline Angle	17	Wing Deck Pivot Bushings	33
Pre-Operation Instructions	17	Rear Deck Pivot Half Clamps	33
Operating Instructions	18	Wing Flex Pivot Lugs	33
General Operating Instructions	19	Section 6: Specifications & Capacities	34
Section 3: Adjustments	20	Section 7: Features and Benefits	36
Center Deck Height Adjustments	20	Section 8: Troubleshooting	37
Belt Tension	21	Section 9: Appendix	39
Section 4: Accessories	22	Torque Values Chart	39
Ball Swivel Hitch	22	Tire Inflation Chart	39
Cutting Blades	22	Notes	40
Low Lift Blades	22	Warranty	41
Medium Lift Blades	22		
High Lift Blades	22		
Mulching Blades	22		

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Printed in the United States of America.

Important Safety Information

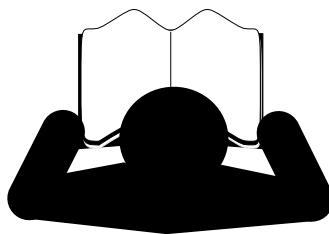
These are common practices that may or may not be applicable to the products described in this manual.

Safety at All Times

Thoroughly read and understand the instructions given in this manual before operation. Refer to the "Safety Label" section, read all instructions noted on them.

Do not allow anyone to operate this equipment who has not fully read and comprehended this manual and who has not been properly trained in the safe operation of the equipment.

- ▲ Operator should be familiar with all functions of the unit.
- ▲ Operate implement from the driver's seat only.
- ▲ Make sure all guards and shields are in place and secured before operating implement.
- ▲ Do not leave tractor or implement unattended with engine running.
- ▲ Dismounting from a moving tractor could cause serious injury or death.
- ▲ Do not allow anyone to stand between the tractor and implement while backing up to the implement.
- ▲ Keep hands, feet, and clothing away from power-driven parts.
- ▲ Wear snug fitting clothing to avoid entanglement with moving parts.
- ▲ Watch out for wires, trees, etc., when raising implement. Make sure all persons are clear of working area.
- ▲ Turning tractor too tight may cause implement to ride up on wheels. This could result in injury or equipment damage.
- ▲ Do not carry passengers on implement at any time.



Look For The Safety Alert Symbol

The SAFETY ALERT SYMBOL indicates there is a potential hazard to personal safety involved and extra safety precaution must be taken. When you see this symbol, be alert and carefully read the message that follows it. In addition to design and configuration of equipment, hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training of personnel involved in the operation, transport, maintenance and storage of equipment.

Be Aware of Signal Words

A Signal word designates a degree or level of hazard seriousness. The signal words are:

▲ DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury. This signal word is limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

▲ WARNING

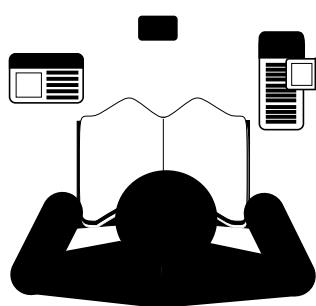
Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

▲ CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

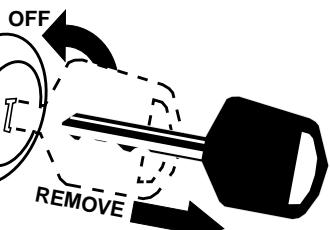
For Your Protection

- ▲ Thoroughly read and understand the "Safety Label" section, read all instructions noted on them.



Shutdown and Storage

- ▲ Lower machine to ground, put tractor in park, turn off engine, and remove the key.
- ▲ Detach and store implements in an area where children normally do not play. Secure implement by using blocks and supports.

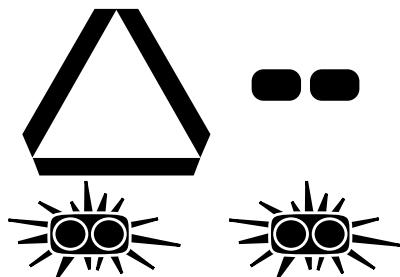


Important Safety Information

These are common practices that may or may not be applicable to the products described in this manual.

Use Safety Lights and Devices

- ▲ Slow moving tractors, self-propelled equipment, and towed implements can create a hazard when driven on public roads. They are difficult to see, especially at night.
- ▲ Flashing warning lights and turn signals are recommended whenever driving on public roads.



Transport Machinery Safely

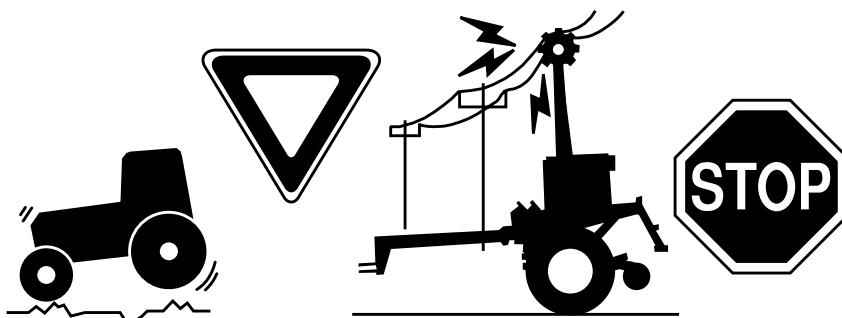
- ▲ Comply with state and local laws.
- ▲ Maximum transport speed for implement is 20 mph. DO NOT EXCEED. Never travel at a speed which does not allow adequate control of steering and stopping. Some rough terrains require a slower speed.
- ▲ Sudden breaking can cause a towed load to swerve and upset. Reduce speed if towed load is not equipped with breaks.

- ▲ Use the following maximum speed - tow load weight ratios as a guideline:

20 mph when weight is less than or equal to the weight of tractor.

10 mph when weight is double the weight of tractor.

- ▲ **IMPORTANT:** Do not tow a load that is more than double the weight of tractor.



Use A Safety Chain

- ▲ A safety chain will help control drawn machinery should it separate from the tractor drawbar.
- ▲ Use a chain with the strength rating equal to or greater than the gross weight of the towed machinery.
- ▲ Attach the chain to the tractor drawbar support or other specified anchor location. Allow only enough slack in the chain to permit turning.
- ▲ Do not use safety chain for towing.



Practice Safe Maintenance

- ▲ Understand procedure before doing work. Use proper tools and equipment, refer to Operator's Manual for additional information.
- ▲ Work in a clean dry area.
- ▲ Lower the implement to the ground, put tractor in park, turn off engine, and remove key before performing maintenance.

- ▲ Allow implement to cool completely.
- ▲ Do not grease or oil implement while it is in operation.
- ▲ Inspect all parts. Make sure parts are in good condition & installed properly.
- ▲ Remove buildup of grease, oil or debris.
- ▲ Remove all tools and unused parts from implement before operation.

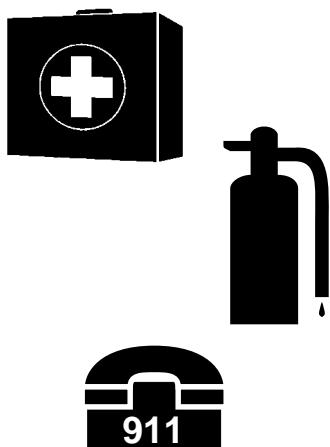


Important Safety Information

These are common practices that may or may not be applicable to the products described in this manual.

Prepare for Emergencies

- ▲ Be prepared if a fire starts.
- ▲ Keep a first aid kit and fire extinguisher handy.
- ▲ Keep emergency numbers for doctor, ambulance, hospital and fire department near phone.

**Wear Protective Equipment**

- ▲ Protective clothing and equipment should be worn.
- ▲ Wear clothing and equipment appropriate for the job. Avoid loose fitting clothing.
- ▲ Prolonged exposure to loud noise can cause hearing impairment or hearing loss. Wear suitable hearing protection such as earmuffs or earplugs.
- ▲ Operating equipment safely requires the full attention of the operator. Avoid wearing radio headphones while operating machinery.

**Avoid High Pressure Fluids Hazard**

- ▲ Escaping fluid under pressure can penetrate the skin causing serious injury.
- ▲ Avoid the hazard by relieving pressure before disconnecting hydraulic lines or performing work on the system.
- ▲ Make sure all hydraulic fluid connections are tight and all hydraulic hoses and lines are in good condition before applying pressure to the system.
- ▲ Use a piece of paper or cardboard, NOT BODY PARTS, to check for suspected leaks.
- ▲ Wear protective gloves and safety glasses or goggles when working with hydraulic systems.
- ▲ If an accident occurs, see a doctor immediately. Any fluid injected into the skin must be treated within a few hours or gangrene may result.

**Tire Safety**

- ▲ Tire changing can be dangerous and should be performed by trained personnel using the correct tools and equipment.
- ▲ When inflating tires, use a clip-on chuck and extension hose long enough to allow you to stand to one side and NOT in front of or over the tire assembly. Use a safety cage if available.
- ▲ When removing and installing wheels, use wheel handling equipment adequate for the weight involved.

**Keep Riders Off Machinery**

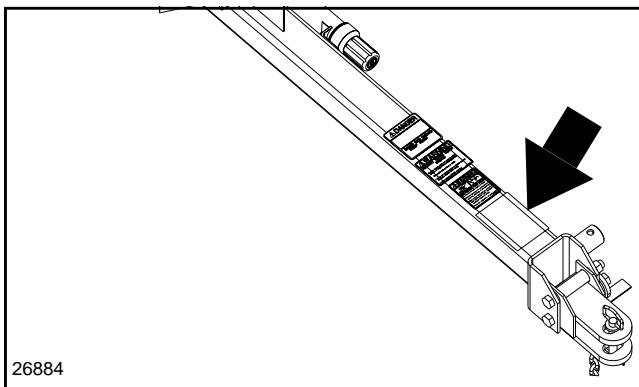
- ▲ Riders obstruct the operator's view, they could be struck by foreign objects or thrown from the machine.
- ▲ Never allow children to operate equipment.



Important Safety Information**Safety Labels**

Your mower comes equipped with all safety labels in place. They were designed to help you safely operate your implement. Read and follow their directions.

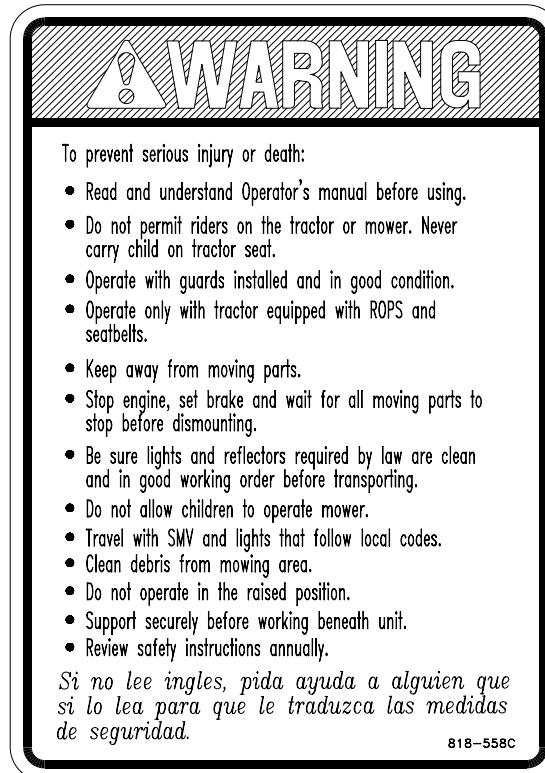
1. *Keep all safety labels clean and legible.*
2. *Replace all damaged or missing labels. To order new labels go to your nearest Land Pride dealer or visit our dealer locator at landpride.com.*
3. *Some new equipment installed during repair requires safety labels to be affixed to the replaced component as*



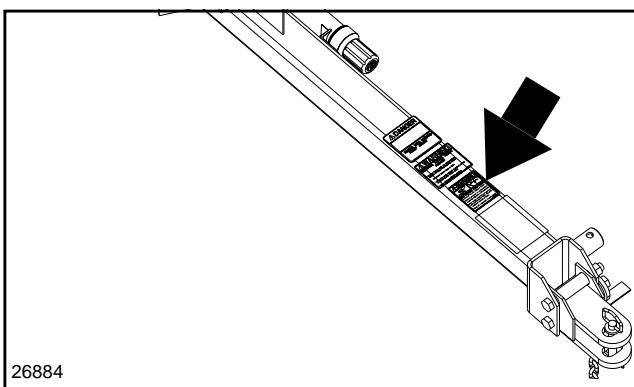
specified by Land Pride. When ordering new components make sure the correct safety labels are included in the request.

4. *Refer to this section for proper label placement. To install new labels:*

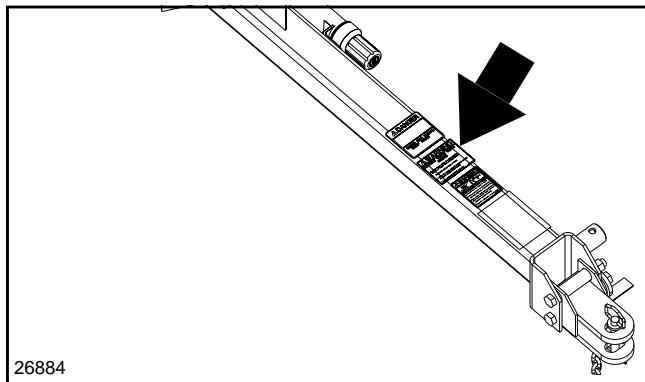
- a. Clean the area the label is to be placed.*
- b. Spray soapy water on the surface where the label is to be placed.*
- c. Peel backing from label. Press firmly onto the surface.*
- d. Squeeze out air bubbles with the edge of a credit card.*

**818-558C**

Warning: Serious Injury

**818-339C**

Warning: High Pressure

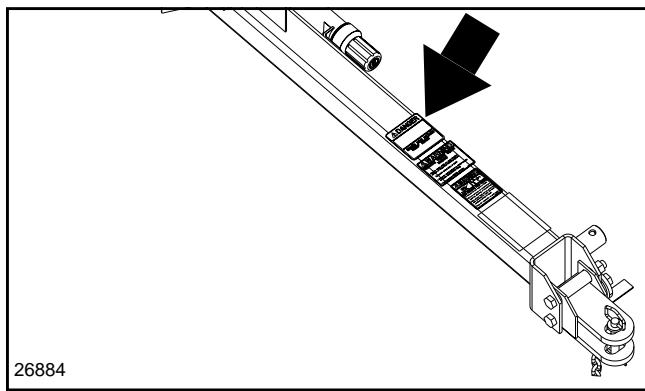
Important Safety Information
WARNING
NEGATIVE TONGUE WEIGHT HAZARD

Negative tongue weight can cause immediate elevation of tongue when unhitching implement

- To prevent serious injury or death:
- Always be certain implement is hitched securely to tractor drawbar before raising.
- Lower implement **BEFORE** unhitching.

818-019C Rev. C
818-019C

Warning:
Negative Tongue Weight


DANGER

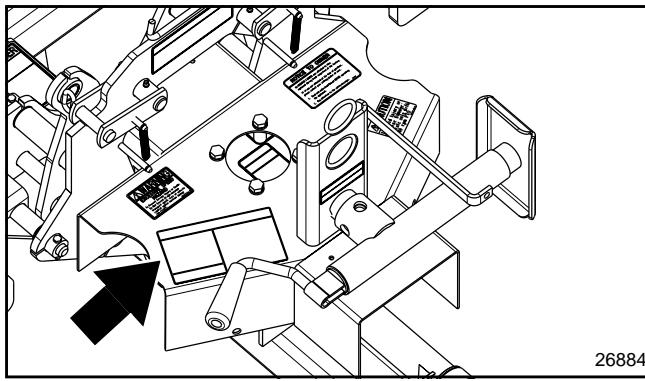
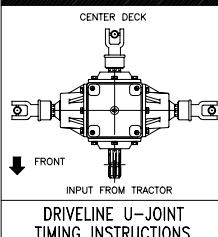
**RAISED WING HAZARD
KEEP AWAY**

To prevent serious injury or death:

- Do not transport without transport locks securely engaged.
- Do not walk or work underneath raised wing unless it is securely locked.

818-561C
818-561C

Danger: Raised Wing

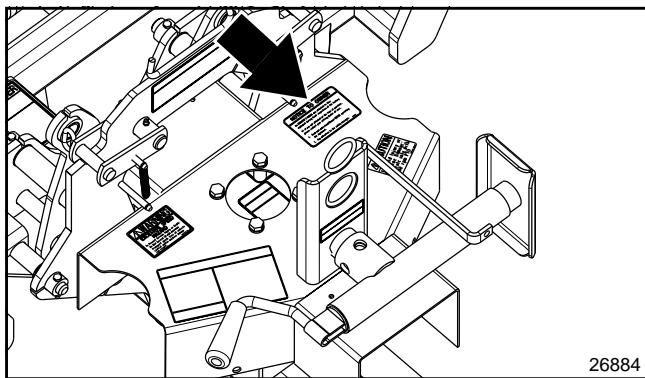

IMPORTANT


To avoid nonclutch drive system component damage:

- When installing drivelines be sure u-joints for the RH & LH wing decks are positioned as shown to avoid u-joint damage when folding.
- When servicing machine use proper tools and equipment
- Refer to Owner's Manual for instructions.

818-565C Rev. D
818-565C

Important: U-Joint Timing Instructions


NOTICE TO OWNER

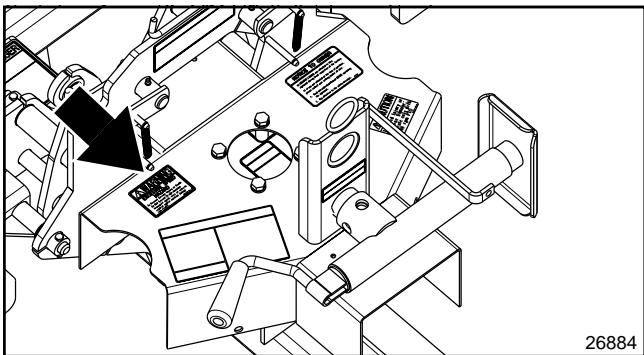
An OPERATOR'S MANUAL was attached to this implement during final inspection at the factory.

If it was not attached at the time of purchase, please contact your selling dealer at once.

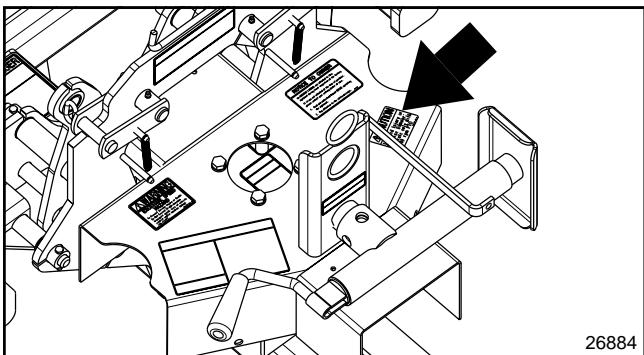
1. Read and understand Manual **BEFORE** operating the implement.
2. Pay attention to the safety messages.

818-560C
818-560C

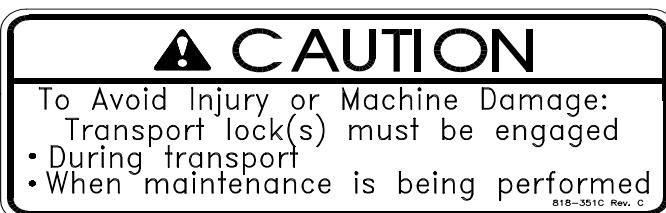
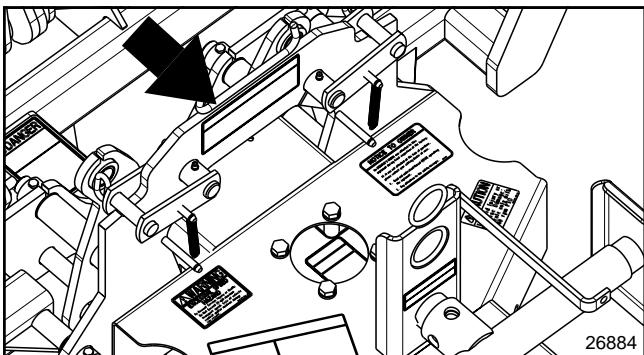
Notice: Manual Info.

Important Safety Information**818-337C**

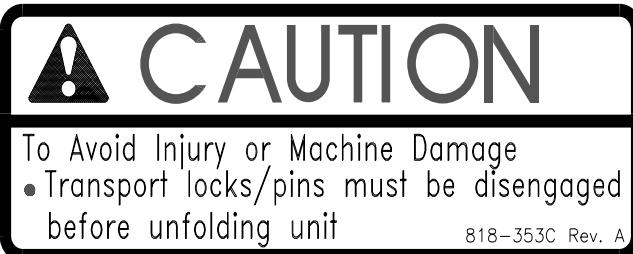
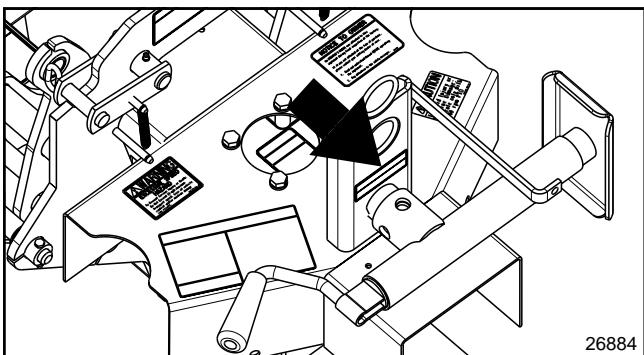
Warning: Max Trans Speed

**818-130C**

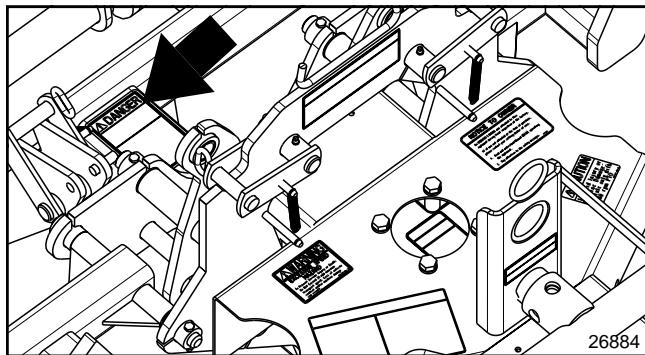
Caution: 540 RPM

**818-351C**

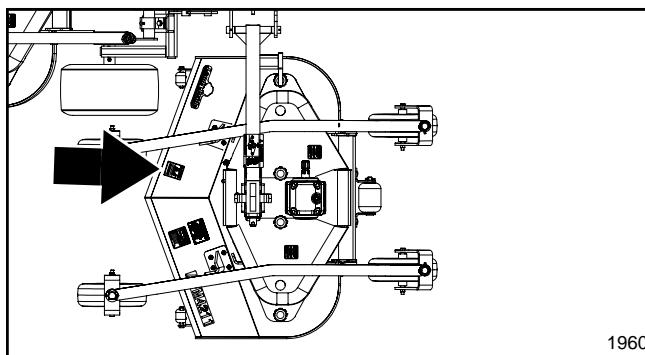
Caution: Lock For Transport

**818-353C**

Caution: Unlock To Unfold

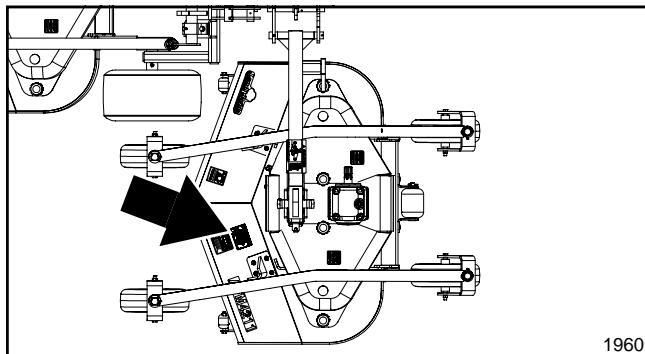
Important Safety Information

Danger: Entanglement



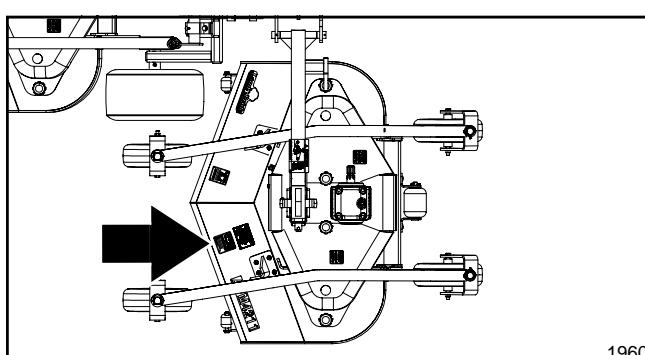
Danger: Thrown Object Hazard

Location: (3-Places) On Back of All Three Decks



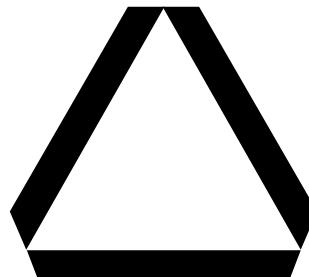
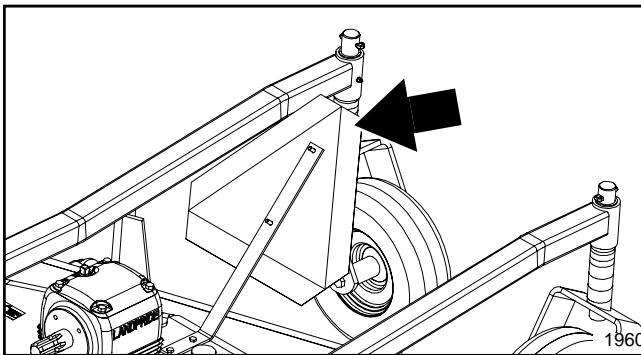
Warning: Pinch point or Crushing Hazard

Location: (3-Places) On Back of All Three Decks



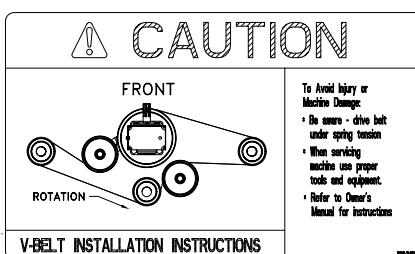
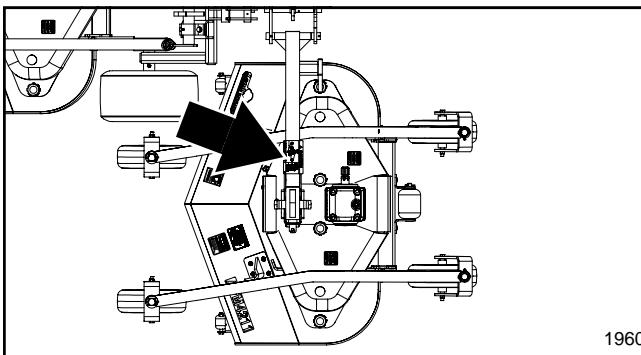
Danger: Rotating Blade

Location: (3-Places) On Back of All Three Decks

Important Safety Information**818-003C**

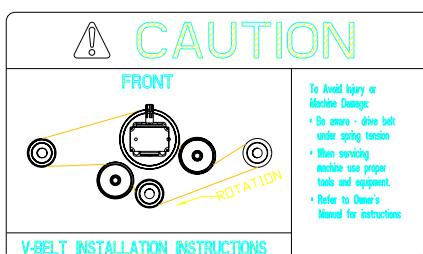
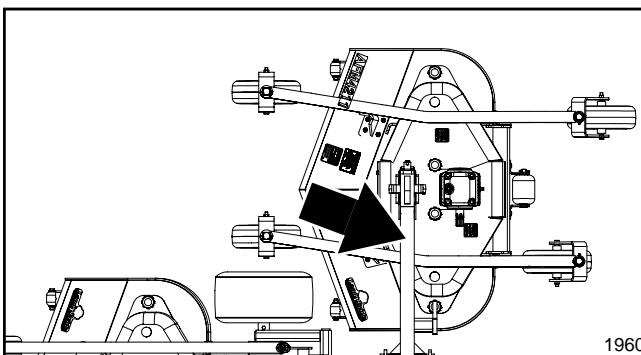
Slow Moving Vehicle Label

Location: On Back of Center Deck Only

**838-345C**

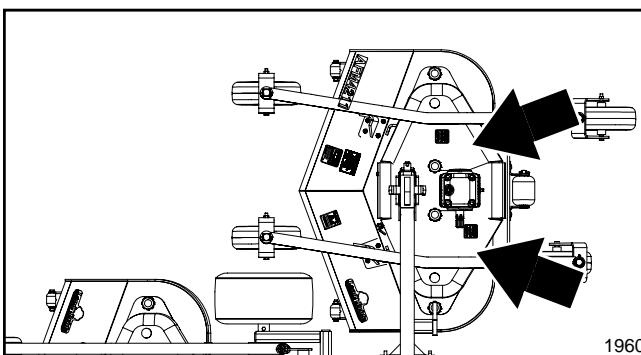
Caution: V-Belt Installation

Right Hand & Center Deck (Beneath Belt Guard)

**838-270C**

Caution: V-Belt Installation:

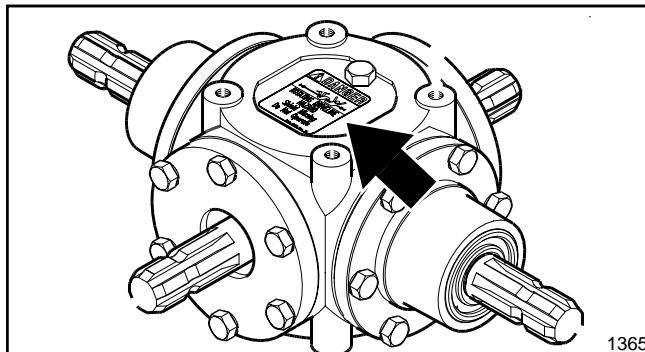
Left Hand Deck (Beneath Belt Guard)

**818-543C**

Danger: Guard Missing

Location: (6-Places)

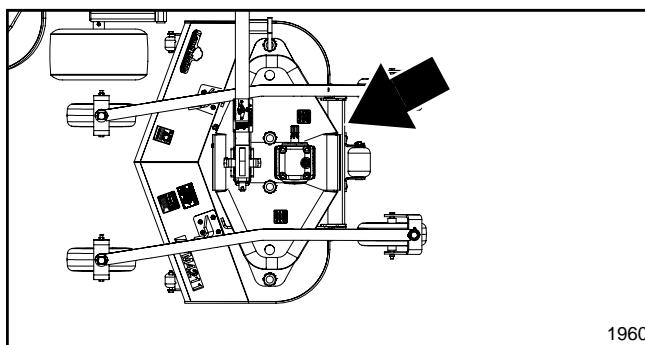
Beneath Both Guards on All Three Decks

Important Safety Information

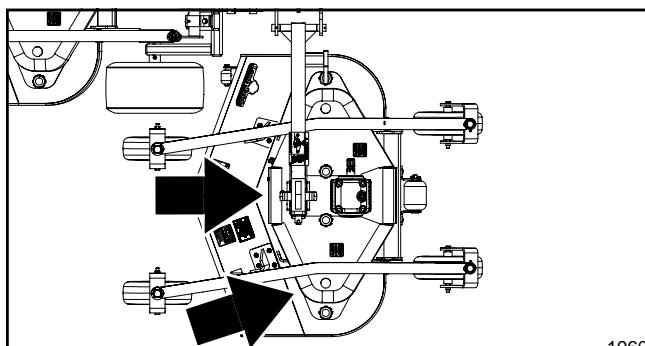
1365

**0818-187C**

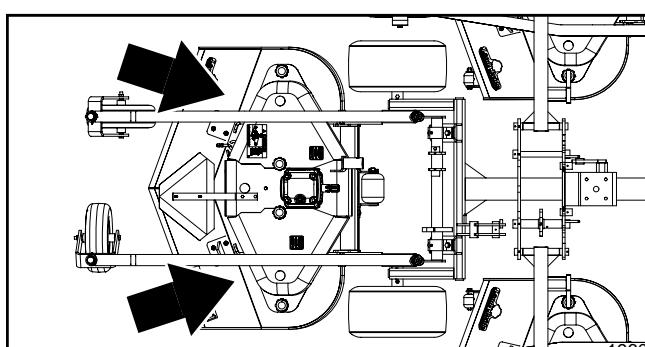
Danger: Shield Missing



1960

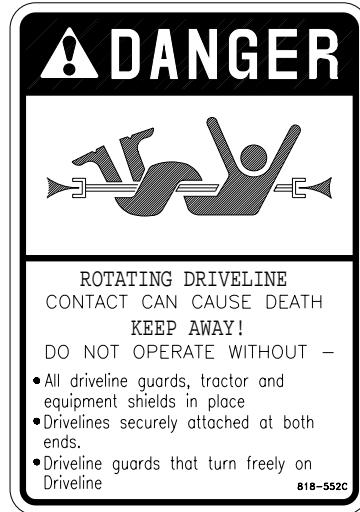
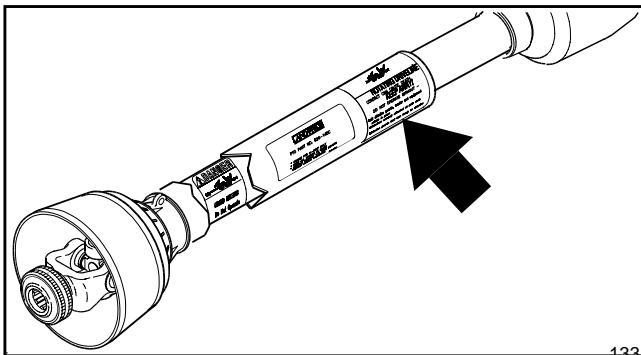
**818-229C**Amber Reflector:
(Right Hand Shown Left Hand Opposite)

1960

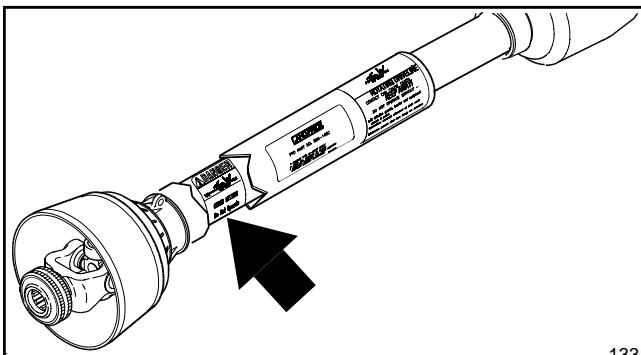
**818-230C**Red Reflector:
(Right Hand Shown Left Hand Opposite)

1960

**818-230C**Red Reflector:
(Center Deck)

Important Safety Information**818-552C**

Danger: Entanglement

**818-540C**

Danger: Guard Missing

Introduction

Land Pride welcomes you to the growing family of new product owners.

This All-Flex Mower has been designed with care and built by skilled workers using quality materials. Proper assembly, maintenance, and safe operating practices will help you get years of satisfactory use from the machine.

Application

The AFM4211 All-Flex Mower is designed and built by Land Pride to provide excellent cutting quality and performance on lush type turf grasses on expansive and well manicured areas such as fairways, parks, school lawns, sports fields, and 5 acre estates.

The AFM4211 requires attachment to a 30-65 hp turf tractor with 540 rpm PTO speed and can be ordered with slip-clutch or conventional wing driveline configurations.

The mower offers independent deck flotation and zero turning radius due to the sleek frame design. When you need to transport from one mowing site to another the hydraulic wing cylinders will easily lift up the wing decks for a 5'-6" transport width. The contour following capability, highly productive 11' cutting width, and rear discharge design of the floating cutting decks will greatly reduce wide-area cutting times and still deliver finely groomed surfaces at mowing speeds from 2-6 mph.

See **“Section 6: Specifications & Capacities”** and **“Section 7: Features and Benefits”** for additional information and performance enhancing options.

Using This Manual

- This Operator's Manual is designed to help familiarize you with safety, assembly, operation, adjustments, troubleshooting, and maintenance. Read this manual and follow the recommendations to help ensure safe and efficient operation.
- The information contained within this manual was current at the time of printing. Some parts may change slightly to assure you of the best performance.
- To order a new Operator's or Parts Manual contact your authorized dealer. Manuals can also be downloaded, free-of-charge from our website at www.landpride.com.

Terminology

“Right” or “Left” as used in this manual is determined by facing the direction the machine will operate while in use unless otherwise stated.

Definitions

NOTE: A special point of information that the operator must be aware of before continuing.

IMPORTANT: A special point of information related to its preceding topic. Land Pride's intention is that this information should be read and noted before continuing.

Owner Assistance

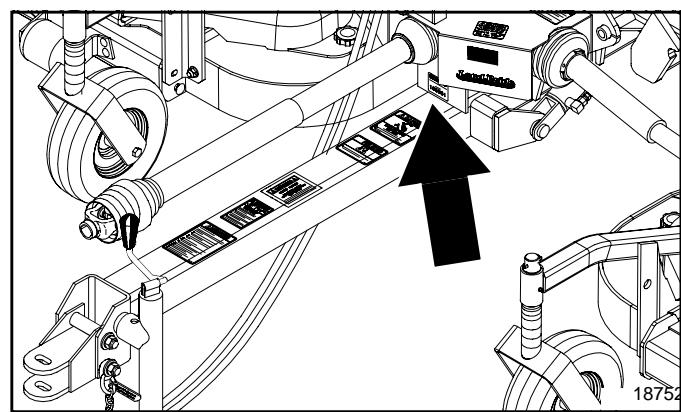
The Warranty Registration card should be filled out by the dealer at the time of purchase. This information is necessary to provide you with quality customer service.

If customer service or repair parts are required contact a Land Pride dealer. A dealer has trained personnel, repair parts and equipment needed to service the implement.

The parts on your AFM4211 All-Flex Mower have been specially designed and should only be replaced with genuine Land Pride parts. Therefore, should your Mower require replacement parts go to your Land Pride Dealer.

Serial Number Plate

For prompt service always use the serial number and model number when ordering parts from your Land Pride dealer. Be sure to include your serial and model numbers in correspondence also. Refer to Figure 1 for the location of your serial number plate.



Serial Number Plate Location
Figure 1

Further Assistance

Your dealer wants you to be satisfied with your new All-Flex Mower. If for any reason you do not understand any part of this manual or are not satisfied with the service received, the following actions are suggested:

1. Discuss the matter with your dealership service manager making sure he is aware of any problems you may have and that he has had the opportunity to assist you.
2. If you are still not satisfied, seek out the owner or general manager of the dealership, explain the problem and request assistance.
3. For further assistance write to:

Land Pride

Service Department

P.O. Box 5060

Salina, KS 67402-5060

E-Mail

ipservicedept@landpride.com

Section 1: Assembly and Set-up

Tractor Requirements

Tractor horsepower should be within the range noted below. Tractors outside the horsepower range must not be used.

Horsepower Rating.....	30-65 HP
Rear PTO Shaft Type	1 3/8"-6 Spline
Rear PTO Speed	540 RPM
Hitch Type	Draw Bar
Hydraulic Outlets	One Duplex Outlet
Tractor Weight	See Important Note Below

IMPORTANT: Ballast may need to be added to your tractor to maintain steering control. Refer to your tractor's operator manual to determine if additional ballast is needed. This mower has a positive transport tongue weight of approximately 500 lbs.

Hardware Torque Information

When tightening hardware, refer to "Torque Values Chart" on page 39 to determine standard torque values. Refer to "Additional Torque Values" at the bottom of the chart for exceptions to the standard torque values.

PTO To Drawbar Set-Up

CAUTION!

Do not over speed PTO or machine damage may result. This mower is designed to be used with a tractor using a rear 540 rpm PTO drive.

Refer to Figure 1-1:

Distances between center of drawbar hitch pin hole to end of tractor PTO shaft ("A" dimension) and from top of drawbar hitch to center of PTO shaft ("B" dimension) must be maintained.

IMPORTANT: PTO damage may occur if distances "A" and "B" are not properly maintained.

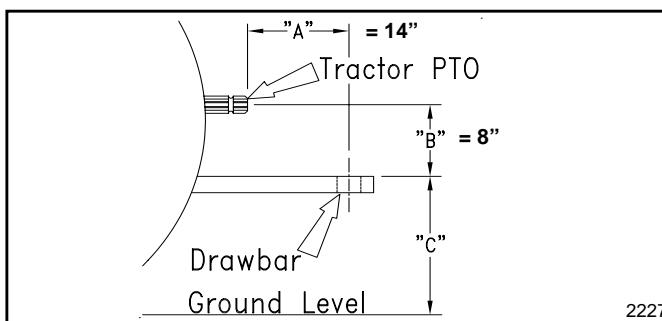
Tractor Hook-up

DANGER!

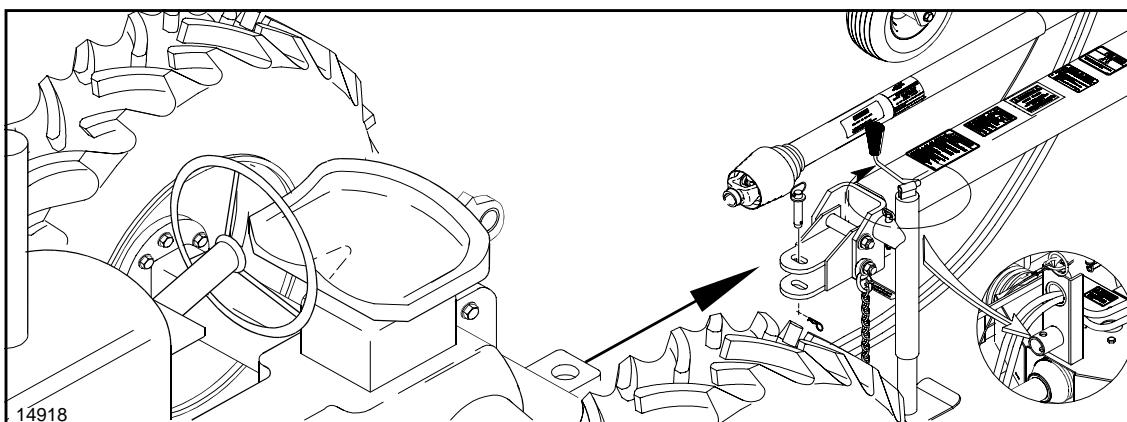
Crushing Hazard between tractor and implement. Do not allow anyone to stand between the tractor and implement while backing-up to an implement. Never operate the hydraulic 3-point lift controls while someone is directly behind the tractor.

Refer to Figure 1-2:

1. Make certain jack stand is properly attached to the mower hitch and secured with attachment pin.
2. Back tractor within close proximity of clevis.
3. Raise or lower jack stand to align clevis with tractor drawbar. Drawbar should fit between lower and upper plates of clevis.
4. Back tractor up to mower hitch until holes in drawbar and clevis are aligned.
5. Attach mower with a 3/4" hitch pin and secure with lock pin. Always use a hitch pin that contains a safety locking device to prevent it from falling out.
6. Retract jack stand until weight of mower is fully removed from the jack. Remove jack and store on storage tube located on divider gearbox shield.
7. Attach safety chain on the frame tongue to the tractor. Adjust chain length to remove all slack except what is necessary to permit turning of mower. Lock chain hook securely onto the chain.



PTO to Drawbar Distances
Figure 1-1



Mower to Tractor Hook-up
Figure 1-2

Section 1: Assembly and Set-up

Main Driveline Installation

WARNING!

Damaged drivelines can cause serious injury or death.

CAUTION!

Tractor PTO shield and all Grooming Mower guards must be in place at all times during operation!

CAUTION!

Always engage parking brake, shut off tractor and remove key before dismounting from tractor.

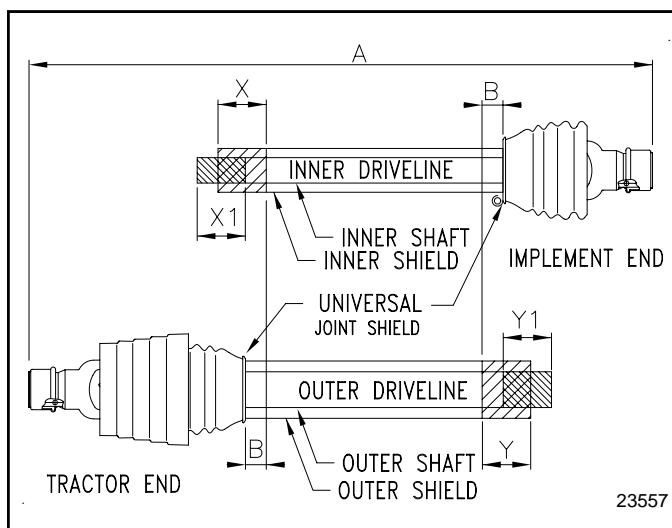
IMPORTANT: The driveline must be lubricated before putting it into service. Refer to "Lubrication" on page 30.

IMPORTANT: Some tractors are equipped with multispeed PTO ranges. Be certain your tractor's PTO is set for 540 rpm.

Always engage PTO at low engine rpm to minimize start-up torque on driveline. **Drivelines with friction clutches must go through a "run-in" operation prior to initial use and after long periods of inactivity.** See "Driveline Protection" on page 26" for a detailed run-in description.

Check Constant Velocity Driveline Length

IMPORTANT: Always check driveline length during initial setup and when connecting to a different tractor. Too long a driveline can damage tractor, gearbox and the driveline.



Driveline Shortening
Figure 1-3

Refer to Figure 1-3

1. Place tractor gear selector in park, shut tractor engine off, set park brake and remove switch key.
2. Attach driveline to mower and tractor as follows:
 - a. Slide inner yoke of driveline over mower gearbox shaft and secure with locking collar.
 - b. Slide outer yoke with constant velocity joint over tractor PTO shaft and secure with locking collar.
 - c. Skip to Step 4 if driveline fits between tractor and Grooming Mower.
3. The driveline will require shortening if it is too long to fit between the tractor and Grooming Mower. Shorten driveline as follows:
 - a. Pull driveline profiles apart into two sections as shown in Figure 1-3.
 - b. Attach outer driveline universal joint to tractor PTO shaft and inner driveline universal joint to gearbox shaft. Pull on each driveline section to be sure universal joints are secured.
 - c. Hold driveline sections parallel to each other to determine if they are too long. The inner and outer shields on each section should end approximately 1" short of reaching the universal joint shield on the adjacent section (see "B" dimension). If they are too long, measure 1" ("B" dimension) back from the universal joint shield and make a mark at this location on the inner and outer shields.
 - d. Cut off inner shield at mark ("X" dimension). Cut same amount off inner shaft ("X1" dimension). Repeat cut off procedure ("Y" & "Y1" dimensions) to cut outer driveline half.
 - e. Remove all burrs and cuttings.
4. With driveline profiles pulled apart, apply multi-purpose grease to the inside of the outer profile and then reassemble the two profiles.
5. Attach inner driveline yoke to gearbox shaft and outer driveline yoke to tractor's PTO shaft.
6. The driveline should now be moved back and forth to insure that both ends are secured. Reattach any end that is loose.
7. Hook a safety chain in the hole on the outer driveline yoke shield and its opposite end to the tractor.
8. Hook the other safety chain in the hole on the inner driveline yoke shield and its opposite end to the mower.

IMPORTANT: Two small chains supplied with the driveline must be attached to restrict driveline shield rotation.

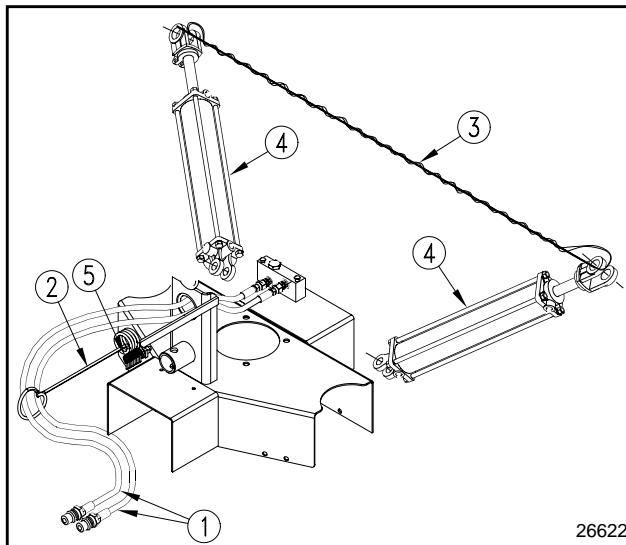
Section 1: Assembly and Set-up

Hydraulic Hook-up

Refer to Figure 1-4:

This mower is equipped and plumbed from the factory with double acting cylinders, hydraulic hoses and couplings for folding the wings and center deck.

1. Cut plastic ties securing hydraulic hoses (#1) to hose support loop (#2). Be careful not to cut plastic tie securing the ten linch pins (#5) to the support loop.
2. Route hoses (#1) through hose support loop (#2) and connect to tractor remote outlets. Quick disconnect hydraulic fittings for your tractor are supplied attached to the hoses.
3. Locate carbon steel wire (#3) attached between wing cylinders (#4). This wire secures the wing decks in the folded position during shipment. Remove wire and dispose of it in a trash container.



Hydraulic Hook-up

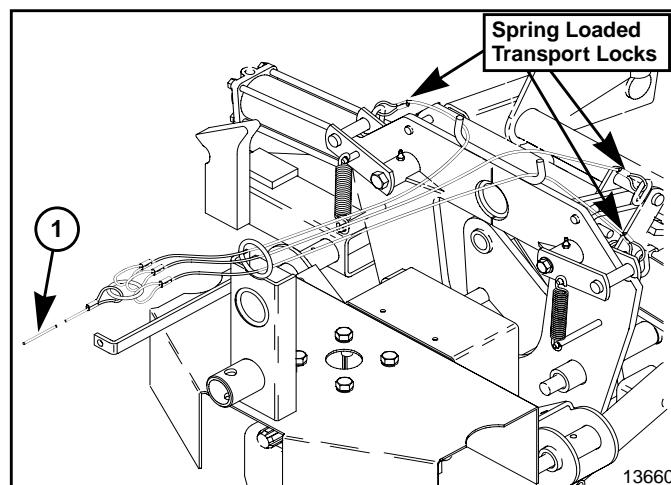
Figure 1-4

Pull Rope Hook-up

Refer to Figure 1-5:

The operator on the tractor seat will need to be able to access the pull rope from the tractor seat when lowering the folded decks to ground level.

1. Attach pull rope (#1) to an area within the operator's reach. Make sure the pull rope can not become tangled with the operator and driveline.
2. Unfold mower decks as follows:
 - a. Retract hydraulic cylinders to remove weight from transport locks.
 - b. Pull transport lock rope (#1) toward the tractor to disengage locks.
 - c. Hold locks in this position until all 3 mower decks have unfolded enough to allow lock lugs to become fully disengaged.
 - d. Extend all 3 cylinders to their maximum stroke.



Pull Ropes

Figure 1-5

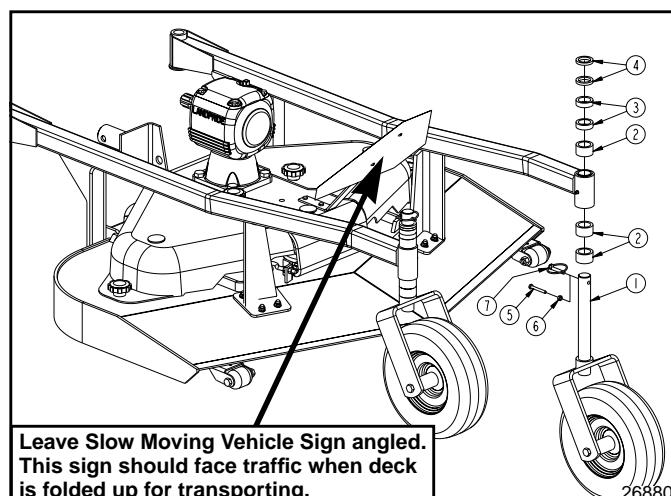
Gauge Wheel Assembly

Refer to Figure 1-6:

IMPORTANT: Do not bend spring steel mounting bracket supporting the slow moving vehicle sign. This sign is purposely angled so that when the deck is folded up for transporting, the sign will face traffic.

Center deck gauge wheels (#1) are mounted in the carrier frames spindle support tubes upside down.

1. Remove nuts (#6) and bolts (#5) from the center deck carrier frames and remove gauge wheels from the frames.
2. Check spacer location on the other gauge wheels. Note how many and what sizes are above and below the gauge wheel spindle support tube and then place an equal number of spacers (#2, 3 & 4) and sizes above and below the spindle support tube while inserting the gauge wheel spindle into the spindle support tubes.

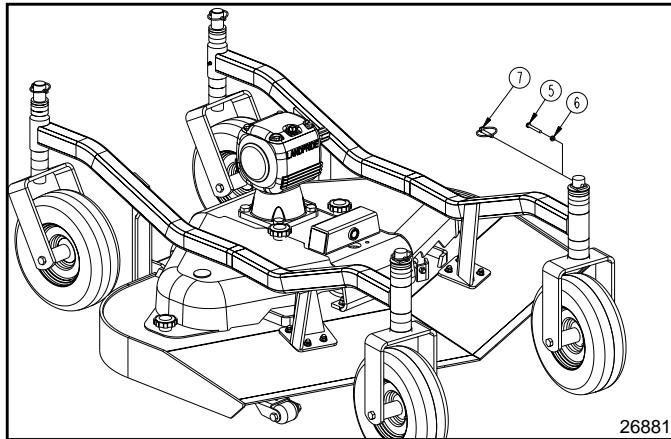


Center Deck Rear Gauge Wheels

Figure 1-6

Section 1: Assembly and Set-up

3. Raise center deck up just enough to insert gauge wheel spindles into the carrier frame spindle support tubes as shown in Figure 1-6.
4. Secure gauge wheels with lynch pins (#7) supplied attached to the support loop with plastic ties. Insert lynch pins from the front and flip clasp shut over the spindles towards the back. Attaching lynch pin in this manner will prevent vegetation from catching on the clasp and flipping it open while traveling forward.



Center Deck Rear Gauge Wheels

Figure 1-7

Refer to Figure 1-7:

5. Lower all mower decks fully down. Decks should be supported by the gauge wheels with gauge wheels on the ground.
6. Remove bolts (#5) from the remaining gauge wheel spindles and replace with remaining lynch pins (#7). Insert lynch pins from the front and flip clasp shut over the spindles towards the back.

Bleeding Hydraulics

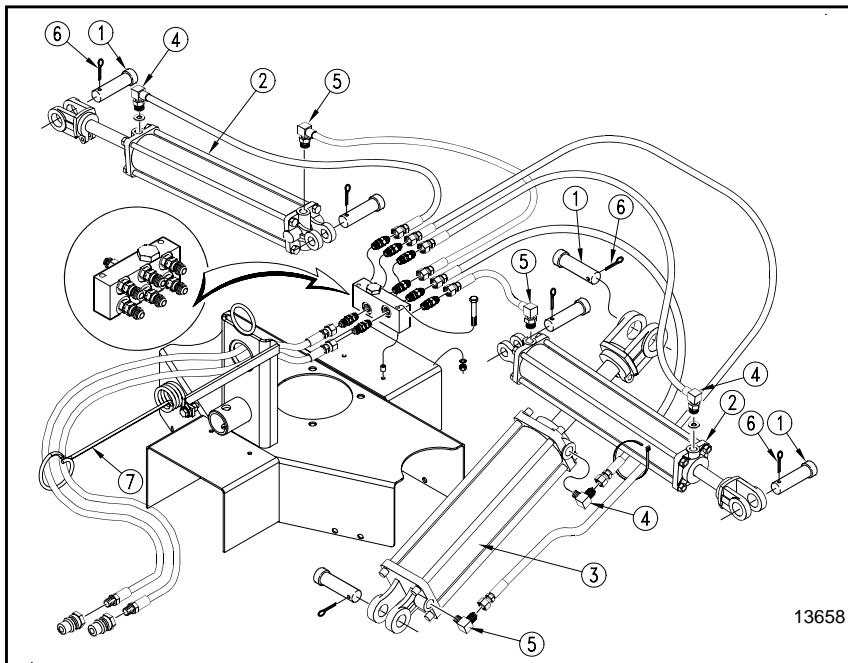
Refer to Figure 1-8:

DANGER!

Hydraulic fluid under pressure can penetrate skin. Wear protective gloves and safety glasses or goggles when working with hydraulic systems. Use a piece of cardboard or wood rather than hands when searching for hydraulic leaks. If hydraulic fluid is injected into the skin, it must be treated by a doctor within a few hours or gangrene may result.

Hydraulic hoses and cylinders are supplied fully charged with oil from the factory and should not require bleeding. If any of the decks raise or lower in a jerking motion, then bleed the hydraulics as follows:

1. With mower decks lowered onto the ground, remove connecting pins (#1) from rod end of the 2 wing cylinders (#2) and center deck cylinder (#3).
2. Support cylinders vertically with rod end up.
3. Cycle hydraulic system to extend both wing cylinders and center deck cylinder. Retract cylinders and repeat this process 2 times.
4. On each cylinder, crack rod end cylinder fitting (#4) and apply hydraulic pressure until air free oil leaks from fitting and then retighten fitting.
5. Support cylinders in a vertical position with base end of cylinder up and repeat bleeding process on the base end fitting (#5).
6. Re-pin all clevises. Secure pins with cotter pins (#6) by bending one or more legs of the cotter pin.
7. Slowly cycle all decks to transport position checking to make sure the hydraulic hoses are not pinched in the process.



Transport Fold Hydraulic Plumbing

Figure 1-8

Section 2: Operating Instructions

Introduction

Hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training involved in the operation, transport, maintenance and storage of the Grooming Mower. Therefore, it is absolutely essential that no one operates the mower without first having read, fully understood and become totally familiar with the Operator's Manual. Make sure the operator has paid particular attention to:

- **Important Safety Information**, pages 1 to 10
- **Section 1: Assembly and Set-up**, page 12
- **Section 2: Operating Instructions**, page 16
- **Section 3: Adjustments**, page 20
- **Section 5: Maintenance and Lubrication**, page 23

Hazard control and accident prevention are dependent upon the awareness, concern, prudence and proper training involved in the operation, transport, maintenance and storage of the mower.

IMPORTANT: Do not alter the Grooming Mower in a way which will adversely affect its performance or reliability or use the mower for a purpose for which it was not designed.

DANGER!

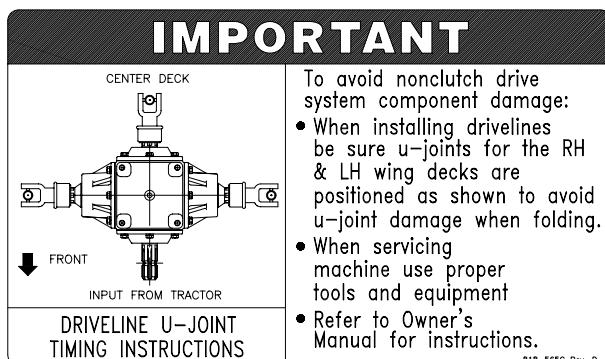
Before making adjustments or performing maintenance on your mower, disengage PTO, shut off tractor and wait for all moving parts to stop before dismounting tractor. Disconnect the PTO driveline.

U-Joint Timing

Refer to Figure 2-1:

CAUTION!

On mowers equipped without slip clutches the deck drivelines (3 each) must be in time to avoid driveline damage when folding - unfolding



U-Joint Timing
Figure 2-1

Transporting

WARNING!

Do not transport mower faster than 20 mph. When traveling on roadways, transport in such a manner that vehicles moving at a faster rate of speed may pass you safely.

CAUTION!

Care should be taken when encountering oncoming traffic and roadside obstructions if the mower is wider than your tractor.

CAUTION!

Always disengage tractor PTO before raising the Grooming Mower to transport position to avoid damaging the mower, injury from thrown objects or blade contact.

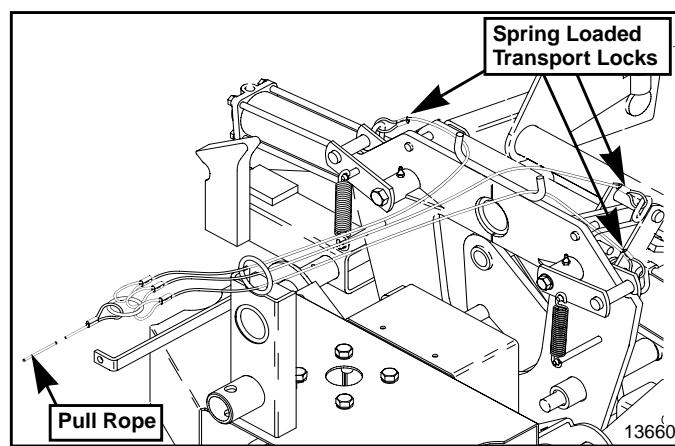
CAUTION!

When traveling on public roads, whether at night or during the day, use accessory lights and devices for adequate warning to operators of other vehicles. Comply with all federal, state, and local laws.

- Be sure to reduce tractor ground speed when turning; and, leave enough clearance so the mower does not contact obstacles such as buildings, trees or fences.
- Select a safe ground travel speed when transporting from one area to another. When traveling on roadways, transport in such a way that faster moving vehicles may pass you safely.
- When traveling over rough or hilly terrain, shift tractor to a lower gear.

Refer to Figure 2-2:

1. Raise the 3 mower decks to the transport position by retracting all 3 cylinders completely.
2. As the mower decks are raising, the transport locks (3 each) will automatically lock in place when operating properly.



Pull Ropes
Figure 2-2

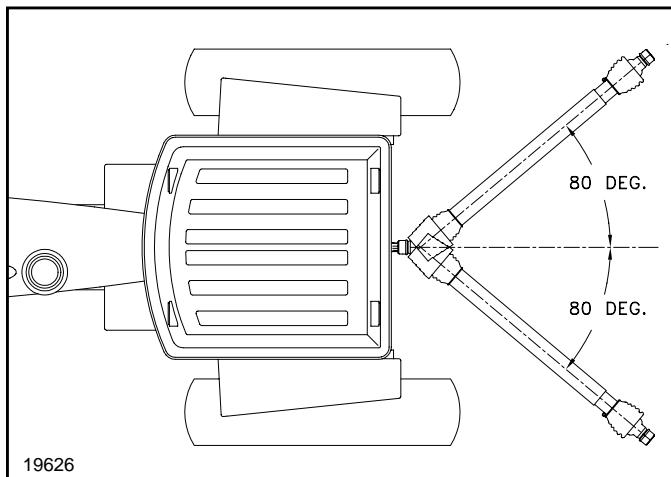
Section 2: Operating Instructions

3. Refer to “**Operating Instructions**”, step 5 on page 18 for instructions on lowering the decks.

Constant Velocity Driveline Angle

Refer to Figure 2-3:

The main driveline is equipped with a constant velocity (CV) joint that allows the unit to run at angles up to 80 degrees with no vibration.



Constant Velocity Driveline Angle
Figure 2-3

IMPORTANT: Do not make turns that will subject the CV joint to angles greater than 80°. Angles greater than 80° will damage the driveline.

The constant velocity joint must be greased every 8 hours of operation. Refer to Page 30 “**Driveline Constant Velocity Shaft**”.

Pre-Operation Instructions

Proper servicing and adjustments are key to the long life of any machine. With careful and systematic inspection of the mower, you can avoid costly maintenance, time and repair. Before beginning to mow, the following inspection should be performed:



CAUTION!

Before unfolding the mower make sure the transport locks are unlatched. Unlatch locks by pulling the rope.

- Grease driveline shaft and all other grease fittings.
- Check oil level in gearboxes. Refer to the *Lubrication* portion of the “**Maintenance and Lubrication**” section starting on page 30.
- Check all plugs and caps in gearboxes to make certain that they have been replaced and tightened properly.
- Check mower blades for damage and sharpness. See “**Blade Inspection**” on page 23.
- Be sure blades are installed properly on each deck with the cutting edge leading in rotation. See “**Blade Removal And Installation**” on page 24.

- Be sure all mower blades bolts are tight. Know which center blade bolts are left hand threaded and which are right hand threaded when checking for tightness. See “**Blade Removal And Installation**” on page 24.
- Be sure all bolts and nuts are tight.
- Be certain all guards and shields are in place and secure.
- Clear the area to be mowed of objects and debris that might be picked up and thrown by the mower blades
- Operate with 540 rpm PTO tractor.
- Refer to your tractor’s operator manual for engaging and disengaging the PTO.
- In case of emergency learn to stop tractor and mower quickly.
- Complete Operating Check List below before continuing.

Operating Check List		
✓	Check	Reference
	Safety Rules	Page 1
	Gearbox Gear Lube	Page 23
	Tractor Hook-up	Page 12
	Tire Inflation Chart	Page 39
	Lubricate the mower as needed.	Page 23
	Check the mower initially and periodically for loose bolts & pins.	
	Make sure the hitch safety chain is securely attached to the mower hitch and the tractor.	Page 12
	Inspect the blades. Make note of the wear to the blades and the sharpness of the blades.	Page 23
	Make a thorough examination of the driveline. Also check the connection to the gearboxes and tractor PTO.	
	Make sure all guards and shields are in place.	

Section 2: Operating Instructions**Operating Instructions****DANGER!**

Never carry a person on the mower. A rider can fall and be ran over by the mower or tractor causing serious injury or death.

**DANGER!**

Stop operation if bystanders come within several hundred feet

**DANGER!**

Do not cut on steep inclines. The tractor and mower could flip over causing damage to the equipment, bodily injury or death.

**DANGER!**

Operate mower with all guards installed & in good condition. Gearbox and driveline shields must be secured in place when operating mower to avoid injury or death from entanglement in rotating drivelines. Keep away from moving parts.

**WARNING!**

The following operating procedures must be carefully read and fully understood. You are the tractor operator and are therefore responsible for the safe operation of this unit. All other persons must be cleared of the area. Cutter operation must be stopped when in the vicinity of other persons.

**CAUTION!**

Always disengage tractor PTO before raising the Grooming Mower decks to transport position to avoid damaging the power train, injury from thrown objects or blade contact.

**CAUTION!**

When mowing in sandy soil areas, wear may occur to your mower blades caused from sand erosion. Frequent inspection should be made and blades replaced if damaged.

IMPORTANT:

- Do not engage PTO with mower decks in the raised position or with engine speed above idle. Doing so will damage power train components.
- Do not exceed rated PTO speed of mower. Excessive engine speed will cause damage to power train components.
- Avoid catching hydraulic hoses on brush, post, stumps, and other protrusions that can break them.
- Use mower to cut only turf grasses. Cutting other materials can damage drive components, cutting blades and deck.
- Only use the Grooming Mower for its intended purpose. Do not use it to pull, push or lift objects. Do not use it as a working platform or as a wagon to carry objects.

1. After attaching the tractor to the mower, carefully check all hoses and wires to be sure they will not contact the PTO driveline.
2. Check PTO guards to make sure they are in good condition and in place.
3. Inspect Hydraulic hoses for wear, damage and hydraulic leaks. See "Avoid High Pressure Fluids Hazard" on page 3. Replace damaged and worn hoses with genuine Land Pride parts.
4. Check the following after the PTO has been disengaged and come to a complete stop. Wear your safety glasses.
 - Check mower blades for sharpness.
 - Ensure that bolts and nuts are tight.
 - Check tractor safety equipment. To be sure they are in good working condition.

IMPORTANT:

- Make sure transport locks are unlatched before unfolding mower. Pull on rope to unlatch locks.
- When unfolding the mower, fully extend cylinders to utilize maximum flexibility. Damage to the mower may occur if the cylinders are not fully extended.

5. Refer to Figure 2-2 on page 16. Unfold mower decks to ground as follows:
 - a. Retracting the hydraulic cylinders to remove weight from the transport locks.
 - b. Pull transport lock rope toward the tractor to disengage locks.
 - c. Hold locks in this position until all 3 mower decks have unfolded enough to allow the lock lugs to become fully disengaged.
 - d. Extend all 3 cylinders to their maximum stroke for maximum field float of mower decks.
6. Set the tractor throttle at idle. Engage the PTO to start blades rotating.
7. Begin mowing at a slow forward speed and shift up until desired speed is achieved - maintaining 540 PTO rpm. Mower blades will cut better at 540 PTO blade speed than at reduced throttle.
8. After mowing the first 50 feet, stop and check to see that the mower is adjusted properly.
9. Grass is best cut when it is dry. Mowing wet grass can cause plugging resulting in grass clumps behind the mower.
10. Grass should be mowed frequently as shorter clippings deteriorate faster.
11. Mow areas with extremely tall grass twice. Raise mower high for the first cutting and then set mower at finished cutting height for the second cutting.

Section 2: Operating Instructions

General Operating Instructions

By now you should have familiarized yourself with the Operator's Manual, completed the Operator's Checklist, set-up the unit properly and attached your Land Pride All-Flex mower to your tractor.

With the tractor's park brake engaged and the PTO disengaged, start the tractor. Using the tractor's hydraulic control levers, retract the hydraulic deck-lift cylinders all the way in and pull the ropes leading to your transport locks to release them. With the same control levers, slowly lower your mowing decks from transport position to working position on the ground. Having lowered the decks, shut the tractor off, check to make sure the park brake is set and remove the switch key. Dismount from the tractor and preset your mower to the desired cutting height.

It's now time to do a running operational safety check. It is extremely important that if at any time during this safety check you detect a malfunction in either the mower or tractor that you immediately shut the tractor off, remove the key and set the park brake. Make necessary repairs and/or adjustments before continuing on.

Make sure before starting the tractor that the mower is properly attached to the draw bar with both wings down resting on the ground. Also make sure the driveline is securely coupled to the tractor's PTO shaft, the hydraulic hoses are properly attached to the tractor's hydraulics, the tractor's park brake is engaged and the tractor's PTO drive is disengaged. Starting the tractor and set the engine throttle speed at a low idle. Engage the tractor's PTO drive. If everything is running smoothly, slowly increase the engine rpm until the tractor's engine reaches full PTO operating speed of 540 rpm. If everything is still running as it should, then return the engine to low idle and disengage power to the PTO. Under no circumstances should you ever raise the cutting decks into transport position with the PTO drive engaged. Personal injury and machine damage could result.

You should now be ready to move to your cutting site to begin mowing. On roadway transport in such a manner that faster moving vehicles can easily see you and pass you safely. Reduce your speed when traveling over rough and hilly terrain. Avoid quick or sharp steering corrections. Take extra care to insure that the mower doesn't come into contact with obstacles such as trees, buildings or fences. Use accessory lights and appropriate reflective devices to provide adequate warning to pedestrians and other vehicle operators when traveling on public roads and in the dark of night. Comply with all local, state and federal laws.

It is important that you inspect the area where you will be cutting and clear it of safety hazards and foreign objects either before or after you arrive at the cutting site. Never assume the area is clear. Cut only in areas you are familiar with and are free of debris and unseen objects. In the event you do strike an object, stop the mower and tractor immediately to inspect and make any necessary

repairs before resuming operation. It really pays to inspect a new area and to develop a safe plan before mowing.

You will need to maintain a ground speed between 2-6 mph and 540 rpm PTO speed to produce a clean cut. Make a tractor gear and range selection that will enable you to maintain these speed combinations. Generally the quality of cut is better at lower ground speeds. Dense ground cover will create the need to slow down even more. In certain conditions tractor tires will roll grass down resulting in an uneven cut when the grass fails to rebound. Should this happen you may try reversing the direction of cut and/or double cut to achieve the desired finish.

Avoid very low cutting heights especially on extremely uneven terrain. Always cut downward on slopes and avoid crossing the face of steep slopes. Avoid sharp drops and cross diagonally through dips to prevent hanging up the tractor and cutter. Slow down in turns and avoid sharp turns if at all possible. Remember to look back often.

Now you're prepared and well briefed you may begin cutting. Begin cutting by doing the following:

- Reducing the tractor's engine rpm.
- Make sure the mower is on the ground in cutting position.
- Engage the PTO.
- Raise the engine rpm to the appropriate PTO speed.
- Begin mowing.

Make wide turns when possible. Operators of pull-type models must plan ahead and choose a cutting pattern that allows for wider turns. Try increasing or decreasing ground speed to determine the effect on quality of cut. With a little practice you will be pleased with what you and your Land Pride All-Flex Mower can do.

Whether you are done mowing, need to take a break, or just need to make a few adjustments to the mower, remember to always do the following:

- Reduce the tractor's engine rpm.
- Disengage the PTO.
- Stop on level ground.
- Set the park brake.
- Turn off the engine and remove the key.
- Stay on the tractor until the mower blades have come to a complete stop.

Section 3: Adjustments

Center Deck Height Adjustments

DANGER!

Before making adjustments or performing maintenance on your mower, disengage PTO, shut off tractor and wait for all moving parts to stop before dismounting tractor. Disconnect the PTO driveline.

CAUTION!

Block the decks before making cutting height adjustments.

These adjustments should be made with mower hooked-up to the tractor that will be used for field operations or one having the same drawbar height. Position mower on a level surface and adjust hitch so that the main frame is level to the ground. Tire pressure will affect mowing height. Be sure all tires have proper psi pressure. See "Tire Inflation Chart" on page 39.

IMPORTANT: Refer to "U-Joint Timing" and "Transporting" on page 16 for instructions on raising and lowering the decks before continuing.

Refer to Figure 3-1:

1. Lower mower decks fully down on a flat level surface.
2. Make measurement (A) (top of deck to ground) on all three decks. Check measurements in Cutting Height Chart to determine if the decks need to be raised or lowered to obtain preferred cutting height (B).
3. Raise all three mower decks up to an adequate height and block under the decks to prevent them from falling during gauge wheel height adjustments.

Refer to Figure 3-2:

4. Add or remove spacers below the spindle tubes equal to the number of inches the gauge wheel needs to be adjusted. Adding spacers will raise the cutting height and removing spacers will lower the cutting height. When finished, all ten gauge wheels will usually have an equal number of spacers below the spindle tubes. See note below.

NOTE: Due to manufacturing tolerances and tire size differences, it may be necessary to readjust some spacers. Because of this, you may not end up with equal number of spacers on all gauge wheels.

Cutting Height Chart

A	B	A	B
4 7/8"	1"	7 3/8"	3 1/24"
5 3/8"	1 1/2"	8 3/8"	4 1/2"
6 3/8"	2 1/2"	1* 3/8"	5 1/2"

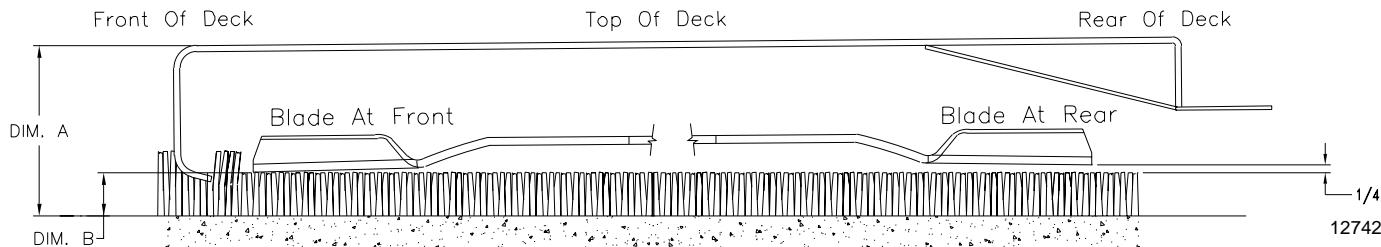


Figure 3-1

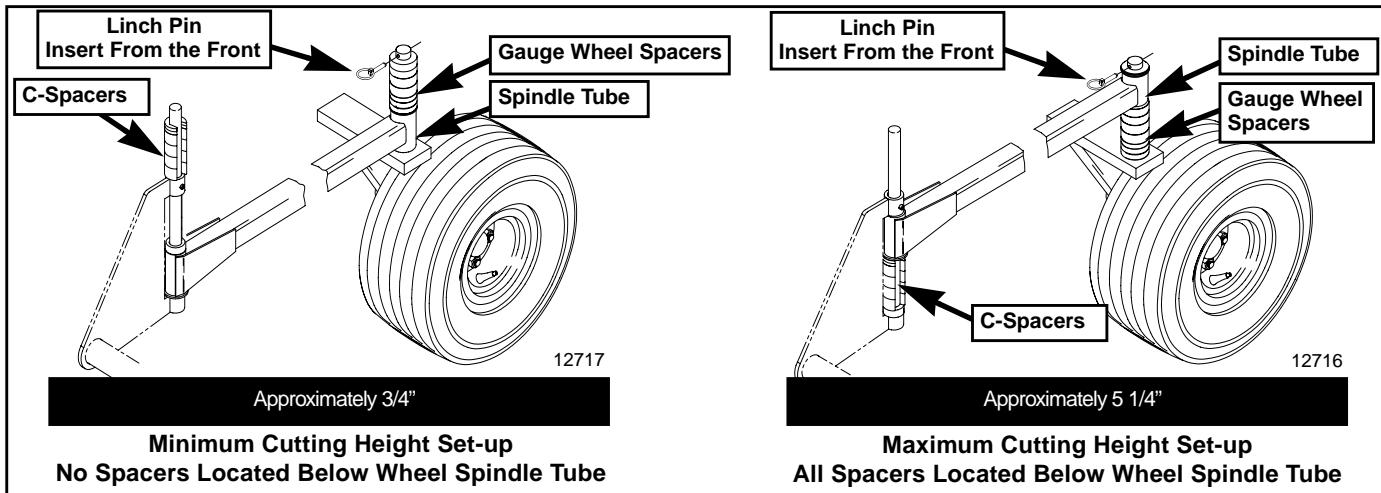


Figure 3-2

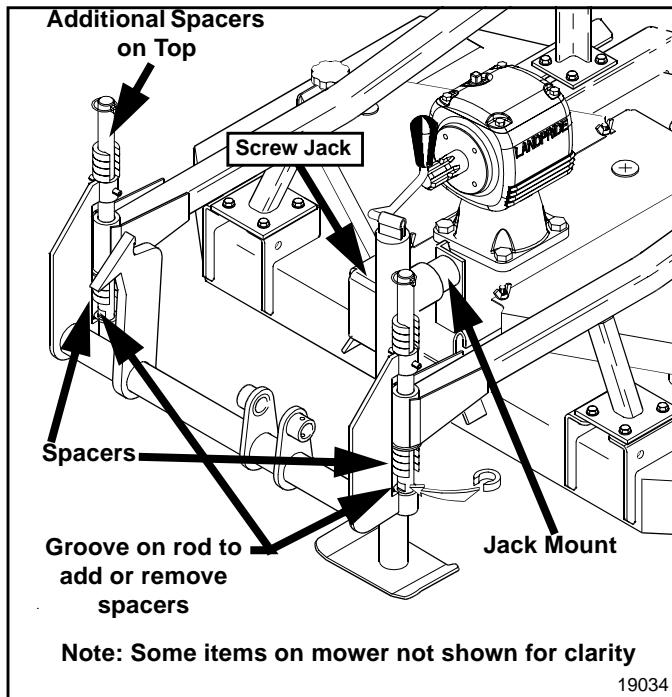
Section 3: Adjustments

IMPORTANT: Linch pins should always be inserted into the gauge wheel spindle pin holes from the front so that the locking clasp is flipped shut over the spindle towards the back. Attaching the pin in this manner will prevent vegetation from catching on the clasp and flipping it open while traveling forward.

5. After making height adjustments, always replace lynch pins by inserting them into the gauge wheel spindle pin holes from the front to keep from losing the pins and gauge wheels.
6. Lower the mower to the field position making sure all fold cylinders are fully extended.

Refer to Figure 3-3:

7. Adjust front of center deck height to match height at rear of center deck:
 - a. Attach jack stand to jack mount located in front of the center gearbox channel. Make sure stand is secured with attachment pin.
 - b. Screw jack out to lift front of mower deck and in to lower deck front.
 - c. Place same number and thickness of c-spacers below the spindle tube as what was placed below the rear gauge wheel spindle tubes.
 - d. There is a groove in the carrier rod for adding or removing c-spacers. Turn the c-spacer so that the open end will slide in or off the groove as needed.
 - e. Remove jack stand and return it to the storage tube located in front of the divider gearbox.
 - f. Place additional c-spacers above metal spindle tubes.



Adding or Replacing Spacers
Figure 3-3

8. Take measurements from the same location on all three decks to make sure they are at the same cutting heights.
9. Additional fine tuning adjustments may be needed after a test mowing run.

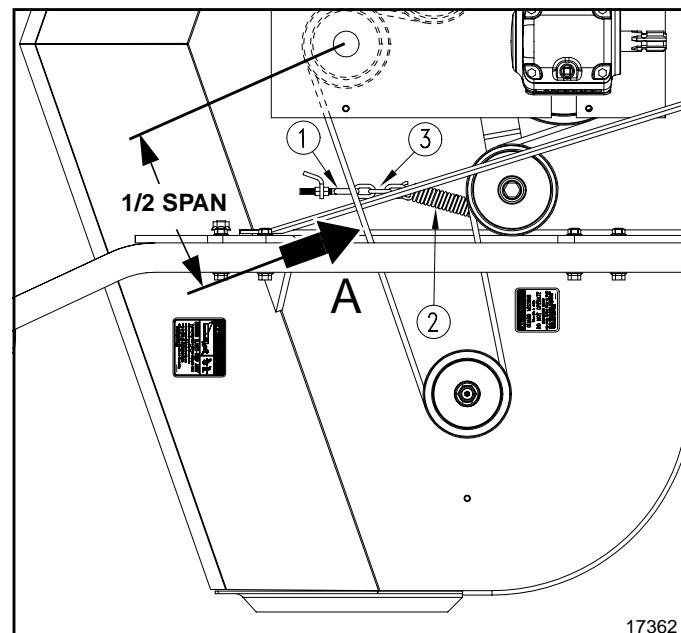
Belt Tension

Refer to Refer to Figure 3-4:

CAUTION!

Belt drive system under spring tension; use care to avoid bodily harm!

1. To check tension apply force at arrow "A" with a tension tester and deflect the belt $1/4"$. The force required to get this deflection should range from 7 to 10 lbs.
2. To adjust belt tension, adjust eyebolt (#1), as necessary. This adjustment will increase or decrease tension on the spring (#2).
3. If eyebolt (#1) does not provide enough adjustment to get the proper tension, then reconnect chain (#3) to a different length. All chain tension must be removed at the eyebolt nut before readjusting the chain.
4. Excessive tension on the belt may lead to premature failure of belt and drive components. Excessive tension on the belt may also lead to a safety hazard to the operator or bystanders. Not enough tension on the belt may lead to premature failure of the belt due to excessive slipping.



Belt Tension
Figure 3-4

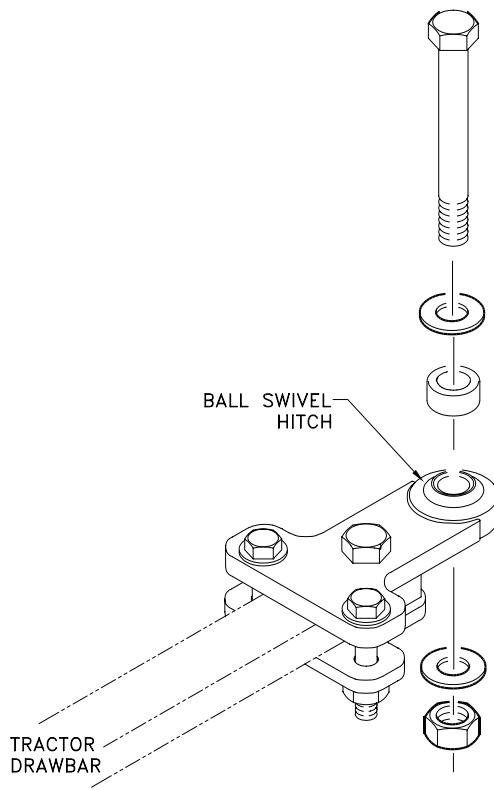
IMPORTANT: Belt tension should be checked on new belts after approximately 20 hours of operation.

Section 4: Accessories

Ball Swivel Hitch

Refer to Figure 4-1

The ball swivel hitch clamps firmly to your tractor's drawbar. With this accessory the center deck can pivot about the drawbar in all directions reducing twisting torque and allowing the deck to mow a more evenly height. Hillsides and uneven terrain are ideal for its use. See your local Land Pride Dealer for the ball swivel hitch accessory.



Ball Swivel Hitch
Figure 4-1

Cutting Blades

There are four blade choices to select from based upon soil condition, density of grass, and tractor horsepower. The appearance of the finish cut may vary between low lift and high lift blades. See your Land Pride dealer for blade availability.

Low Lift Blades

Land Pride's low lift blades are designed for mowing over sandy soil terrain where high suction lift is not crucial. Sand sucked into the blades accelerates blade wear more than normal. Low lift blades are recommended because they produce a lower suction keeping sand uplift and blade wear to a minimum.

Medium Lift Blades

Land Pride's medium lift blades are great when horsepower is a concern. They produce a medium suction for lifting grass requiring less horsepower than high lift blades.

High Lift Blades

Land Pride's high lift blades develop the greatest suction for lifting grass before cutting for that fresh clean cut look. However, they may require more horsepower especially when cutting tall dense grass. They are not recommended for sandy soil conditions.

Mulching Blades

Land Pride's mulching blades are designed to chop leaves and/or grass into smaller parts leaving your lawn looking fresher and cleaner than ever before.

Accessory Part Numbers

Land Pride All-Flex Mower Accessories	
Part No.	Part Description
Ball Swivel Hitch 315-370A	Ball Swivel Hitch
Low Lift Blades Kit for 1 unit (9 blades) 315-172A	AFM4011 (Kit)
Medium Lift Blades Kit for 1 unit (9 blades) 315-173A	AFM4011 (Kit)
High Lift Blades Kit for 1 unit (9 blades) 315-174A	AFM4011 (Kit)
Mulching Blades Kit for 1 unit (9 blades) 315-466A	AFM4011 (Kit)

Blades are also offered in Kits for 3 units (27 blades). See your Land Pride dealer for blade availability.

Section 5: Maintenance and Lubrication

Maintenance

Proper servicing and adjustment is the key to the long life of any machinery. With careful and systematic inspection, you can avoid costly maintenance, time and repair.

CAUTION!

For safety reasons, each maintenance operation must be performed with tractor PTO disengaged, the mower lowered completely to the ground and the tractor engine shut off with ignition key removed.

WARNING!

Always secure mower deck in the up position with solid supports before servicing the underside of the mower. Never work under equipment supported by hydraulics. Hydraulics can drop equipment if controls are actuated or if hydraulic lines burst. Either situation can drop the mower instantly even when power to the hydraulics is shut off.

- Frequently inspect mower for loose bolts and nuts. See "Blade Removal And Installation" on page 24 to identify left hand threaded bolts. Tighten all hardware as indicated in the "Torque Values Chart" on page 39.
- Check drive belt tension after several hours of mowing. Refer to "Belt Tension" on page 21.
- Lubricate components as listed under "Lubrication" starting on page 30.
- Always maintain proper air pressure in the tires. Refer to "Tire Inflation Chart" on page 39.
- Replace worn, damaged or illegible safety labels by obtaining new labels from your Land Pride Dealer. See Information about "Safety Labels" starting on page 4.

Servicing Mower Blades

Blade Inspection

WARNING!

DO NOT attempt to modify cutting blades such as hard surfacing, heat treating, cold treating or by any other method.

WARNING!

DO NOT try to straighten a blade that is bent. Never weld a broken or cracked blade. ALWAYS replace with a new Land Pride blade to assure safety.

DANGER!

Always disconnect main driveline from tractor PTO before servicing underside of mower deck. Starting the tractor with a connected driveline can result in damage to the mower, bodily injury or death.

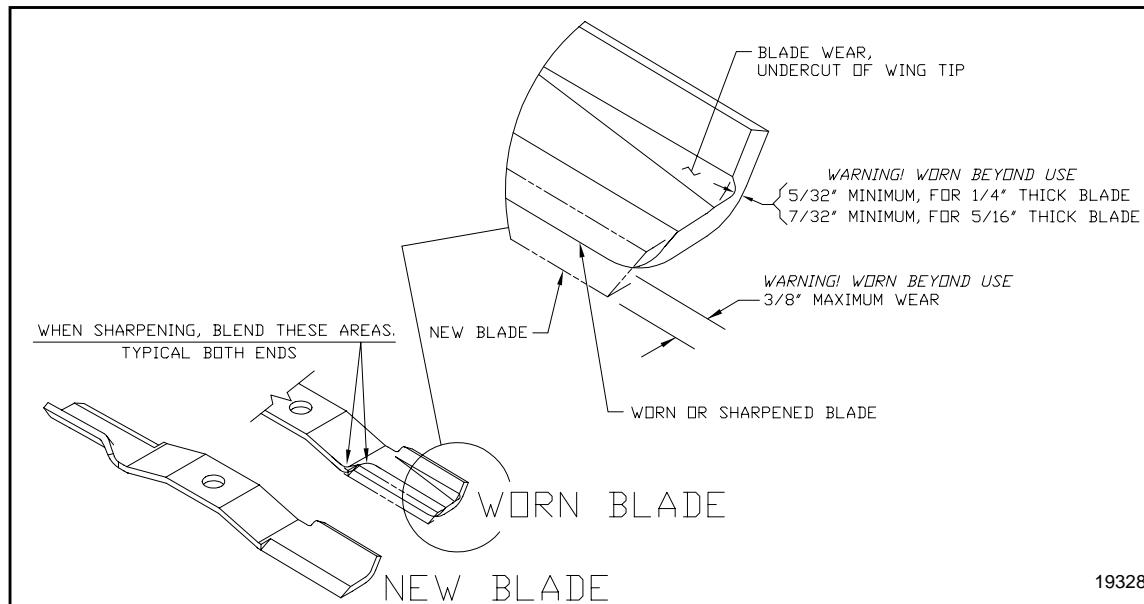
CAUTION!

Wear a pair of gloves when checking blades. Avoid direct contact with cutting edge of blades.

Refer to Figure 5-1:

Blade Wear: Blade performance is reduced as blades wear and are sharpened for reuse. Excessively high wear can occur to your mower blades when mowing in sandy soil areas. Frequent inspection should be made and blades replaced if damaged.

Bent, Deformed or Split Blades should be removed from unit and discarded. **DO NOT** attempt to straighten a blade for reuse.



Blade Placement
Figure 5-1

Section 5: Maintenance and Lubrication

Blade Removal And Installation

CAUTION!

Depending on blade rotation, bolts attaching mower blades to their respective spindles may be either left hand or right hand. Prevent spindle and/or bolt damage by knowing which hand the threads are before removing and/or tightening any blade mounting bolts.

Refer to Figure 5-2

1. Verify blade rotation and bolt thread type (right hand or left hand) before loosening center blade bolts and removing blades to be sharpened or replaced.

NOTE: Blade bolt on the left hand deck is right hand threads. Blade bolts on the right hand and center decks are left hand threads.

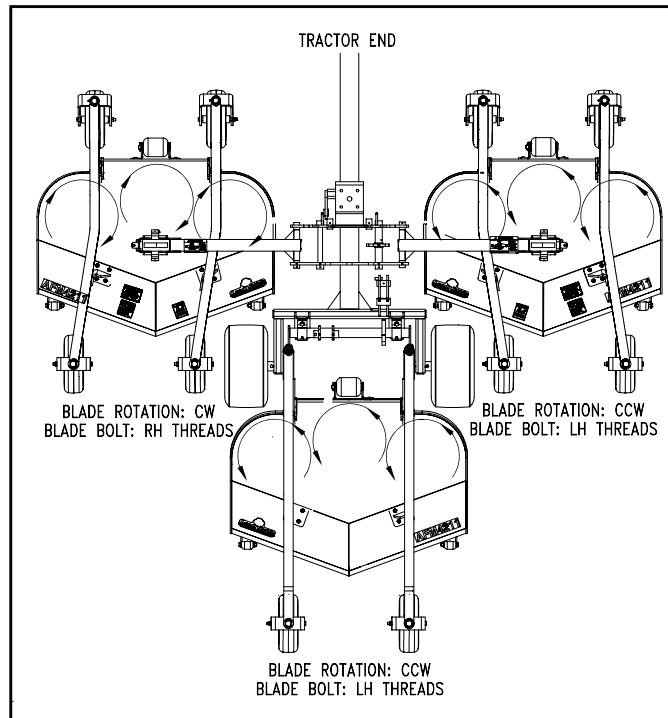
Refer to Figure 5-3:

2. Remove blades by grasping the blade end (#1) with a rag or thick padded glove while loosening the blade mounting bolt (#4).
3. Remove blade bolt (#4) and Washer (#5) from blade being replaced.

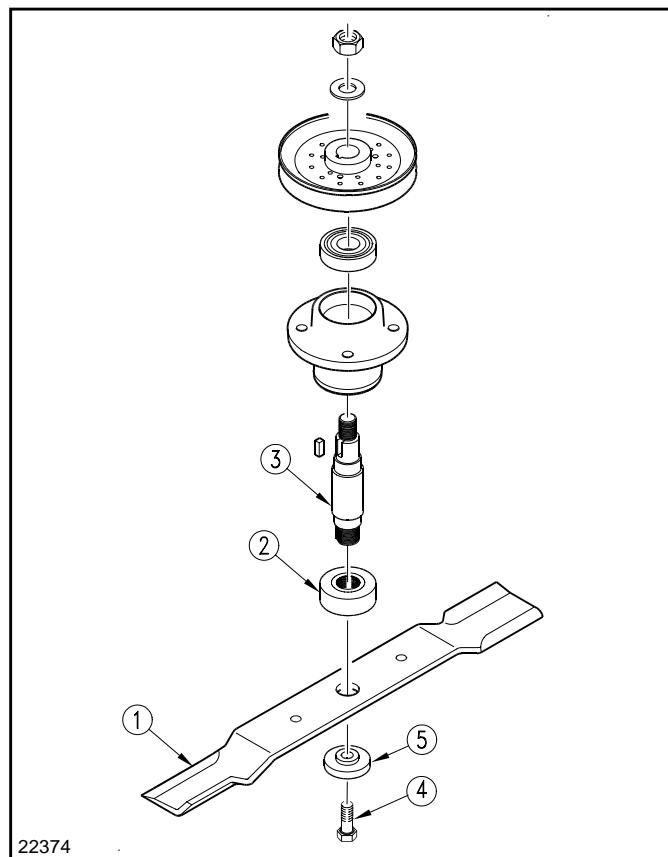
IMPORTANT: Replace blades with Land Pride blades only.

IMPORTANT: Always install blades with cutting edge facing direction of blade spindle rotation and with wing tips pointing up towards bottom of deck.

4. Reinstall blade (#1), blade washer (#5) and bolt (#4). Care should be taken when installing the blade bolt to not get it cross threaded and to know if the bolt is right hand or left hand. Do not exceed 55 ft.-lbs. of torque on bolt.



Blade Rotation
Figure 5-2



Blade Removal
Figure 5-3

Section 5: Maintenance and Lubrication

Blade Sharpening

CAUTION!

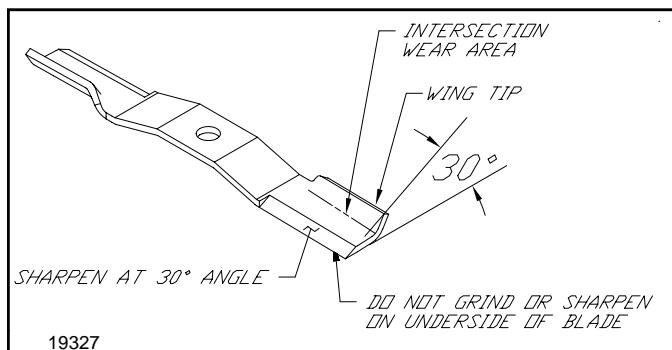
ALWAYS wear eye protection and gloves when sharpening a blade.

NOTE: Care should be taken in order not to remove any more material than necessary to sharpen blade.

1. If the blade cutting edge is dull or nicked, it should be replaced or sharpened.
2. Clean blade, blade washer and mounting surface of all debris before replacing or sharpening.

Refer to Figure 5-4:

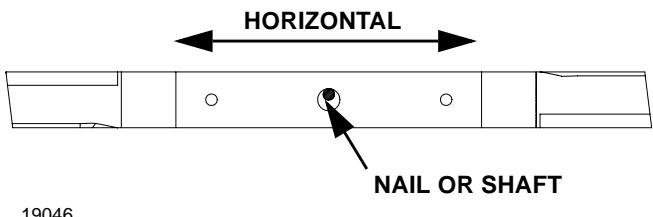
3. Grind cutting edge at the same bevel as the original. See Figure 5-4. Sharpen only the top of the cutting edge to maintain sharpness.



Blade Sharpening
Figure 5-4

Refer to Figure 5-5:

4. Check blade balance by positioning the blade horizontally on a nail or shaft through the center hole. If either end of the blade rotates downward, grind (remove) metal on that end until the blade will balance. The blade is properly balanced when neither end drops. Balance of a blade is generally maintained by removing an equal amount of material from each end of the blade when sharpening.



Blade Balancing
Figure 5-5

Blade Options:

- Low Lift Blades - For use in sandy soils
- Mulching Blades - For leaf mulching

V-Belt Installation

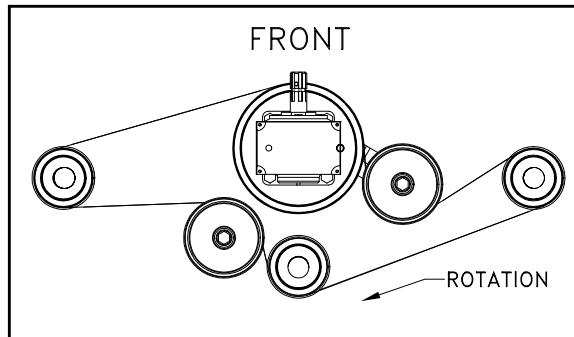
CAUTION!

Belt drive system under spring tension; use care to avoid bodily harm!

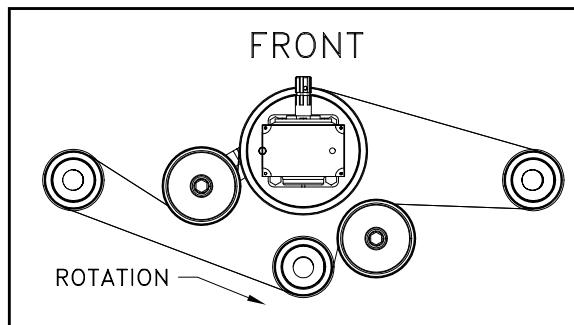
Refer to Figure 5-6 & Figure 5-7

These illustrations are also on the labels located on the top of the mower decks.

1. Remove the right hand and the left hand belt covers.
2. Refer to Figure 3-4 on page 21. Disengage belt tension by turning the nut on the spring loaded eye bolt (#1) until belt tension is released.
3. Replace old belt with new belt as shown in Figure 5-6 or Figure 5-7 below depending on blade rotation.
4. Be sure the belt is positioned in all the pulley grooves correctly. Tighten eyebolt nut to apply tension to the new belt.
5. Refer to Figure 3-4 on page 21 to check belt tension.
6. Reinstall all belt covers and secure in place with hardware.



V-Belt Installation (CW Blade Rotation)
Figure 5-6



V-Belt Installation (CCW Blade Rotation)
Figure 5-7

Section 5: Maintenance and Lubrication

Driveline Protection

CAUTION!

Engage parking brake, disengage PTO, shut off tractor, and remove key before working on or around the driveline and/or slip clutch.

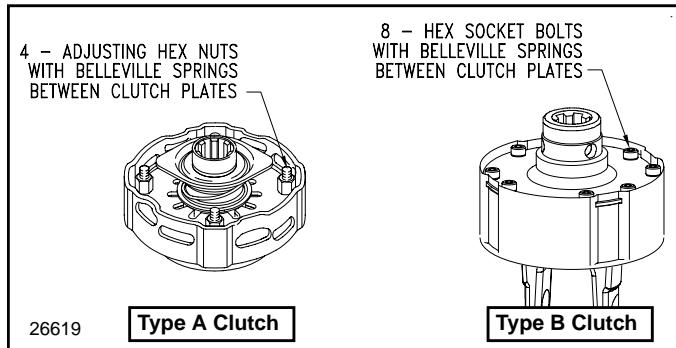
CAUTION!

Slip clutches that have been in use or have been slipped for only two or three seconds during run-in may be too hot to touch. Allow a hot clutch to cool before working on it.

Drive components are protected from shock loads with a friction slip clutch. The clutch must be capable of slippage during operation to protect the gearbox, driveline and other drive train parts.

Friction clutches should be "run-in" prior to initial operation and after long periods of inactivity to remove any oxidation that may have accumulated on the friction surfaces. Repeat "run-in" instructions at the beginning of each season and when moisture and/or condensation seizes the inner friction plates.

Refer to Figure 5-8 to determine which friction clutch your mower has. Follow "run-in" instructions on the following pages for your specific clutch type.



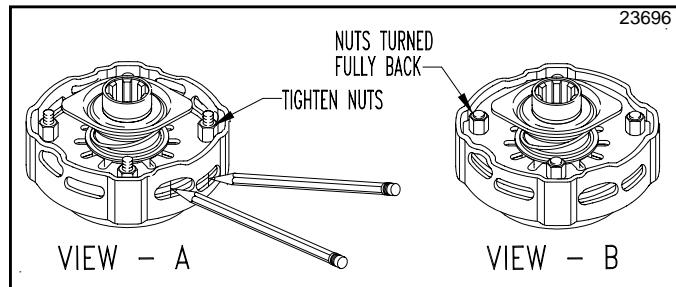
Clutch Types
Figure 5-8

Type A Clutches

Clutch Run-In

Refer to Figure 5-9 (View - A):

1. Using a pencil or other marker, scribe a line across the exposed edges of the clutch plates and friction disks.
2. Tighten all 4 nuts uniformly until spring load is low enough that the clutch slips freely with PTO engaged.



Type C Clutch Run-In

Figure 5-9

3. Make sure the area is clear of all bystanders and machine is safe to operate.
4. Start tractor and engage PTO for 2-3 seconds to permit slippage of clutch surfaces. Disengage PTO, then re-engage a second time for 2-3 seconds. Disengage PTO, shut off tractor and remove key. Wait for all components to stop before dismounting from tractor.
5. Inspect clutch and ensure that the scribed markings made on the clutch plates have changed position. Slippage has not occurred if any two marks on the friction disk and plate are still aligned. A clutch that has not slipped must be disassembled to separate the friction disk plates. See "Clutch Disassembly, Inspection & Assembly" below.

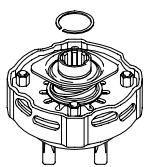
Refer to Figure 5-9 (View - B):

6. If no two marks on the friction disk and plate are still aligned, Turn all 4 nuts fully back.
7. Allow clutch to cool to ambient temperature before operating again. Clutch is now ready for use.
8. The clutch should be checked during the first hour of cutting and periodically each week. An additional set of scribe marks can be added to check for slippage.

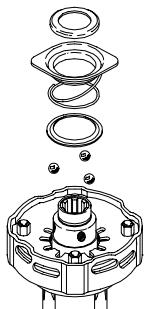
Clutch Disassembly, Inspection & Assembly

If clutch run-in procedure above indicates that one or more of the friction disks did not slip, then the clutch must be disassembled into separate friction disks.

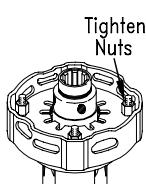
IMPORTANT: Before proceeding, secure clutch firmly in a vise or other clamping device to prevent injury.

Section 5: Maintenance and Lubrication**2-Plate Disassembly****◀ Step 1**

Remove snap ring.

**◀ Step 2**

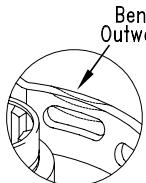
Remove backup ring, lock collar, compression spring, bottom backup ring, and balls.



Tighten Nuts

◀ Step 3

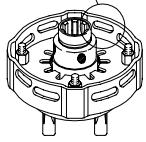
Tighten the four hex nuts uniformly until the clutch pack and hub are loose.



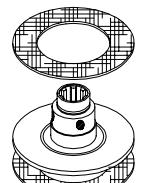
Bend Outward

◀ Step 4

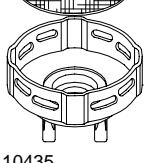
Bend all four retaining lugs out on edge of clutch housing.

**◀ Step 5**

Remove thrust plate with Belleville Springs and lug rings to access friction discs and hub for inspection or service.

**◀ Step 6**

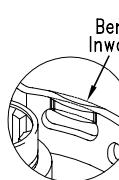
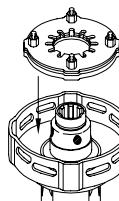
Inspect friction discs and hub.



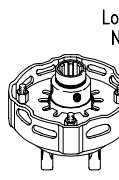
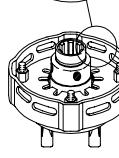
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**2-Plate Assembly****◀ Step 1**

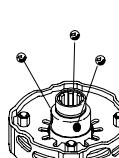
Place hub and friction discs into the housing.

**◀ Step 2**

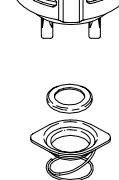
Compress Belleville Springs to the pressure plate by tightening the four hex nuts and then placing the assembly into the clutch housing.

**◀ Step 3**

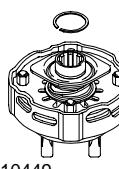
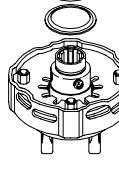
Bend retaining lugs inward over the Belleville Spring edges to secure the spring before backing the four hex nuts off.

**◀ Step 4**

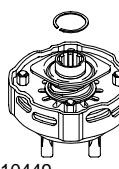
With lugs bent in, loosen the four hex nuts completely to the end of the threaded studs.

**◀ Step 5**

Insert greased balls.

**◀ Step 6**

Install bottom backup ring, compression spring, lock collar, and top backup ring.

**◀ Step 7**

Install snap ring.

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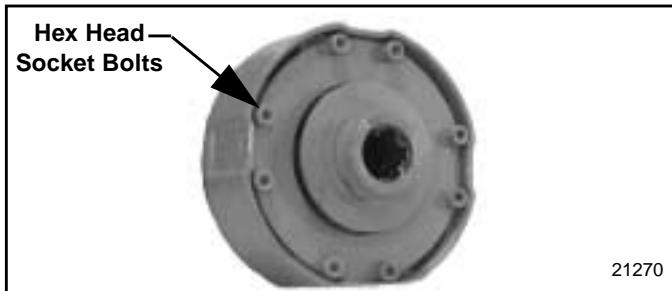
Section 5: Maintenance and Lubrication

Type B Clutch

Clutch Run-In

Refer to Figure 5-10:

1. Loosen counterclockwise all 8 hex head socket bolts uniformly 6 full turns.
2. Cycle clutch on and off 5 or 6 times (15 seconds on and 15 seconds off) with the engine operating at half throttle. Disengage driveline, shut off tractor and remove key. Wait for all components to stop before dismounting from tractor.
3. Tighten hex head socket bolts fully back. Clutch is ready for use
4. The clutch should be checked during the first hour of cutting and periodically each week.



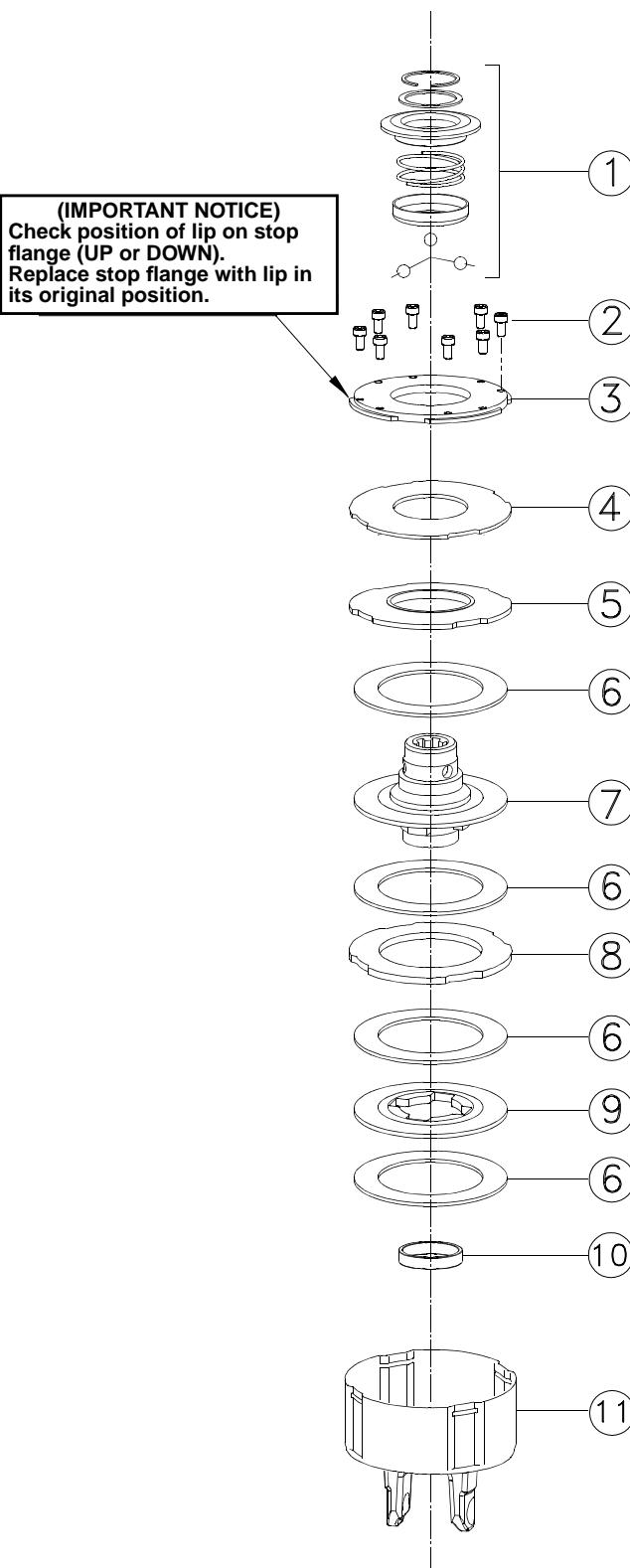
Type B Clutch Run-In
Figure 5-10

Disassembly and Assembly

Refer to Figure 5-11:

If the clutch run-in procedure indicated that one or more of the friction disks did not slip, then the clutch must be disassembled to separate the friction disks.

1. Rotate 8 hex head socket bolts (#2) all the way out to free stop flange (#3).
2. Rotate stop flange (#3) and remove from housing (#11).
3. Remove the following inner components:
 - a. Spring kit (#4)
 - b. Pressure flange (#5)
 - c. 1st Friction Disc (#6)
 - d. Hub with flange and pull collar (#7 & #1)
 - e. 2nd Friction disc (#6)
 - f. Intermediate flange (#8)
 - g. 3rd Friction disc (#6)
 - h. Hub disc (#9)
 - i. 4th Friction disc (#6)
 - j. Bearing (#10)
4. Inspect all components and replace to their original position. Make certain stop flange (#3) is replaced with its flanges down as shown.
5. Fully tighten all 8 hex head socket bolts (#2).



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Type B Clutch Assembly
Figure 5-11

Section 5: Maintenance and Lubrication**Storage**

At the end of the working season or when the mower will not be used for a long period, it is good practice to clean off any dirt or grease that may have accumulated on the mower and any of the moving parts. It may be necessary to scrape off compacted dirt from the bottom of the deck, then use a garden hose to thoroughly clean the surface.

Check the blades for wear and replace, or sharpen, if necessary, refer to *Blade Sharpening*, this section, on page 25.

Inspect the mower for loose, damaged or worn parts and adjust or replace if needed.

Lubricate as noted in the *Lubrication* portion of this section starting on page 30.

Release spring tension from drive belt, refer to page 21.

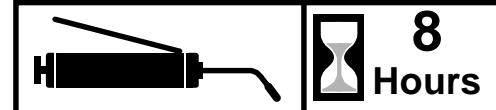
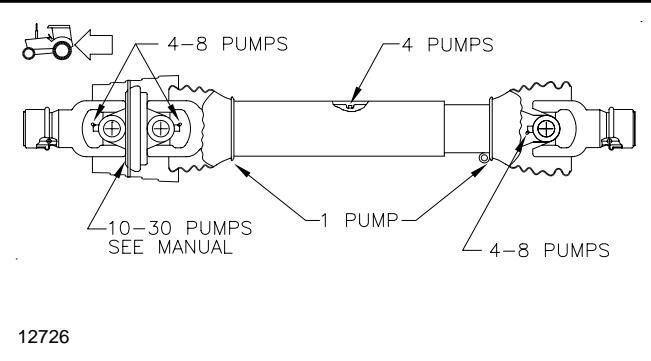
Repaint parts where paint is worn or scratched to prevent rust. Aerosol touch-up paint is available from your Land Pride dealer. Order Land Pride part #821-011C for Buckskin or 821-002C for Black.

Store mower in a clean, dry place.

Tires With Air Pressure

Tire Sealant: Heavy Duty tire sealant has been added in Air tires to help reduce air loss from punctures due to nails/thorns etc. See tire sidewall for optimum tire pressure.

NOTE: Under inflated tires can roll off of rim. Maintaining air pressure within 5 PSI of maximum tire pressure reduces the risk of tires rolling off of rim.

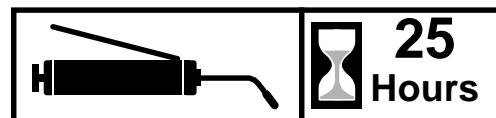
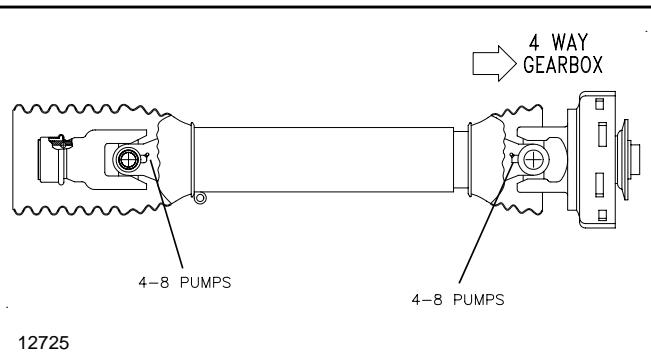
Section 5: Maintenance and Lubrication**Lubrication****Lubrication Legend**Multi-purpose
spray lubeMulti-purpose
grease lubeMulti-purpose
oil lubeIntervals in hours
at which lubrication
is required**Driveline Constant Velocity Shaft**

Type of Lubrication: Multi-purpose Grease

Quantity = See drawing

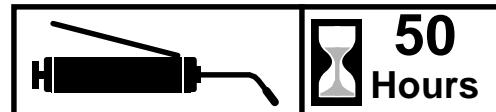
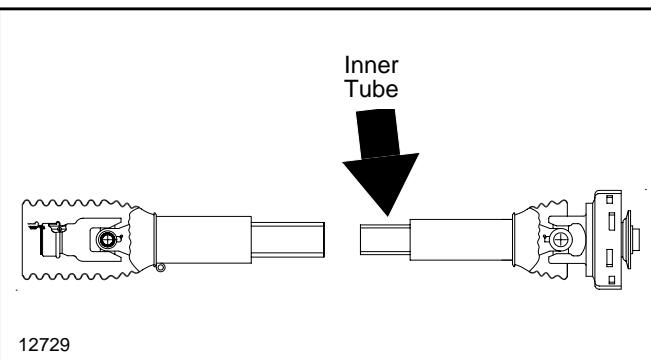
IMPORTANT: Extensive lubrication must be performed every 8 hours of operation to extend the life of the constant velocity joint!

- Grease constant velocity joint in a straight position to force grease through its passages and into the cavity. Grease should be visible around ball joints.
- Grease fittings in the outer telescoping member, u-joints and driveline shields every 8 hours of operation to prevent premature break down.

**Driveline Shafts**

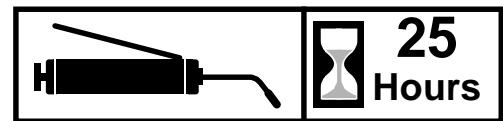
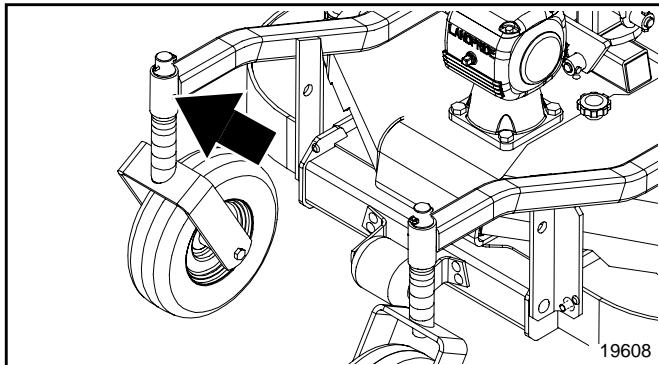
Type of Lubrication: Multi-purpose Grease

Quantity = See drawing

**Inner Tube of Driveline**

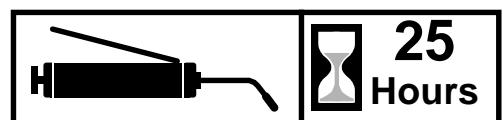
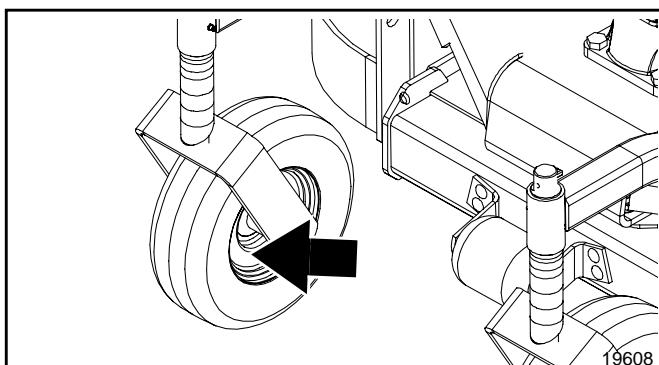
Type of Lubrication: Wheel Bearing Grease

Clean and coat all inner tubes of the drivelines with a light film of grease and then reassemble.

Section 5: Maintenance and Lubrication**Wheel Support Bushings**

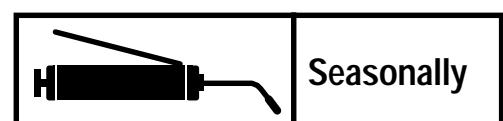
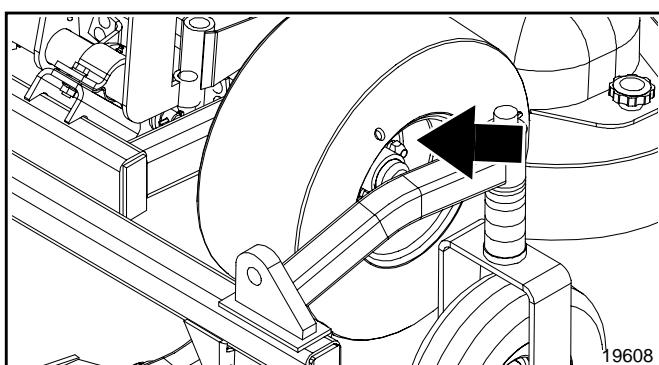
Type of Lubrication: Multi-purpose Grease

Quantity = As required

**Wheel Bushings (Gauge Wheels)**

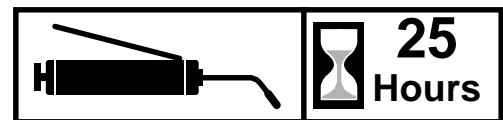
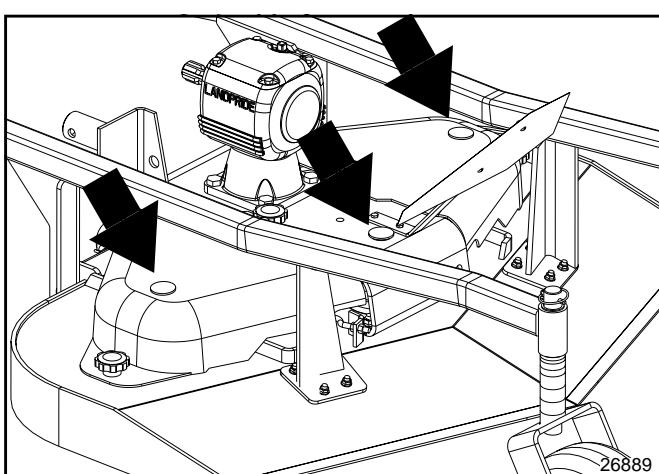
Type of Lubrication: Multi-purpose Grease

Quantity = As required

**Wheel Bushings (Transport Hubs)**

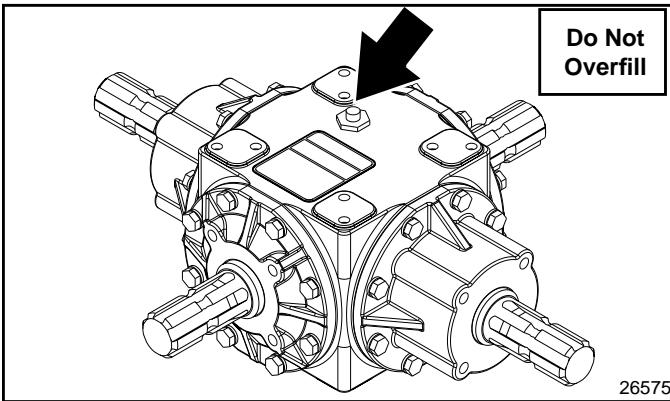
Type of Lubrication: Wheel Bearing Grease

Quantity = As required

**Blade Spindle Bearings, Center Deck**

Type of Lubrication: Multi-purpose Grease

Quantity = As required

Section 5: Maintenance and Lubrication

**As
Required**

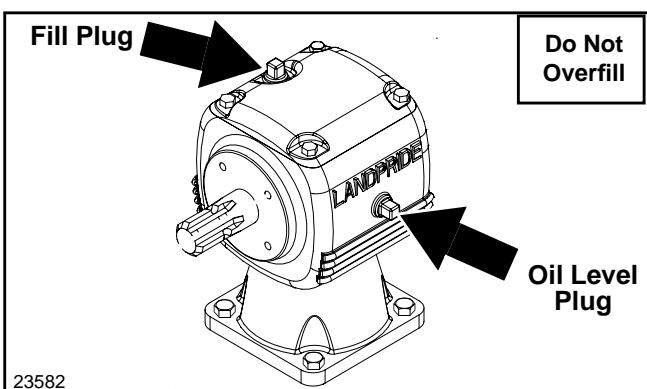
4-Way Gearbox

IMPORTANT: Do not overfill gearbox with oil! The gearbox should be level and cool before checking. An unlevel gearbox or one with hot oil will not show correct oil level on the dipstick.

Unscrew top plug in gearbox to remove dipstick. Wipe oil from dipstick and screw it back in without tightening. Unscrew dipstick and check oil level mark. If low, fill through top plug hole in gearbox with EP 80-90W oil until oil reaches full mark on the dipstick. Reinstall vent plug with dipstick and tighten. Take your gearbox to a Land Pride dealer if it requires service.

Type of Lubrication: Gear Lube EP 80-90W

Quantity = Fill until oil reaches full mark on dipstick.



**As
Required**

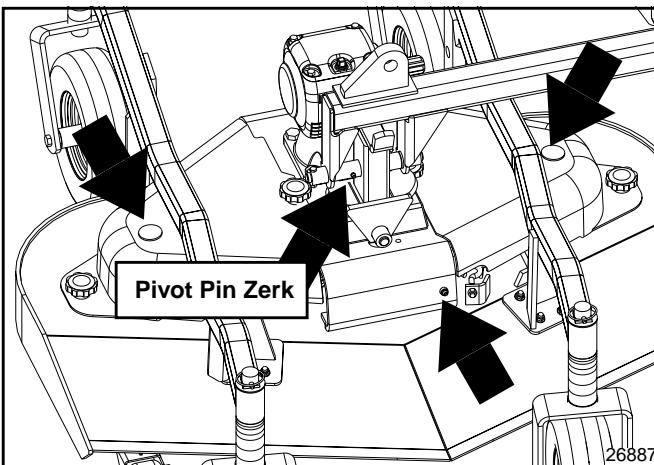
Mower Deck Gearbox

IMPORTANT: Do not overfill gearbox with oil! The gearbox should be level and cool before checking. An unlevel gearbox or one with hot oil will not show correct oil level.

Remove side oil level plug. Oil should reach bottom of plug hole. If low, fill through top plug hole in gearbox with EP 80-90W oil until oil flows from level plug hole. Reinstall plugs and retighten. Take your gearbox to a Land Pride dealer if it requires service.

Type of Lubrication: Gear Lube EP 80-90W

Quantity = Fill until oil reaches bottom of oil level plug hole.

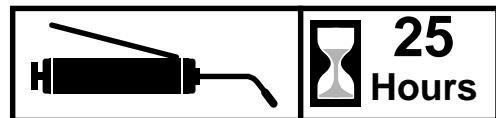
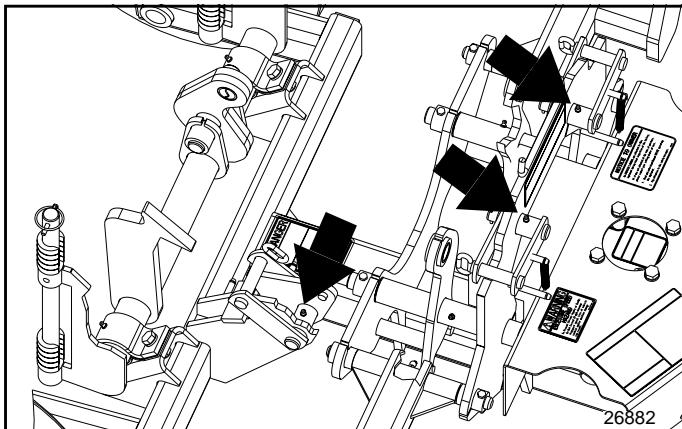


**25
Hours**

**Blade Spindle Bearings, Wing Decks
Tool Bar To Floating Link Pivot Pin**

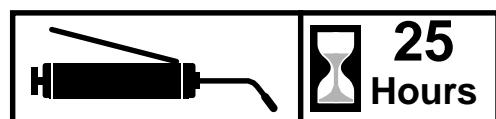
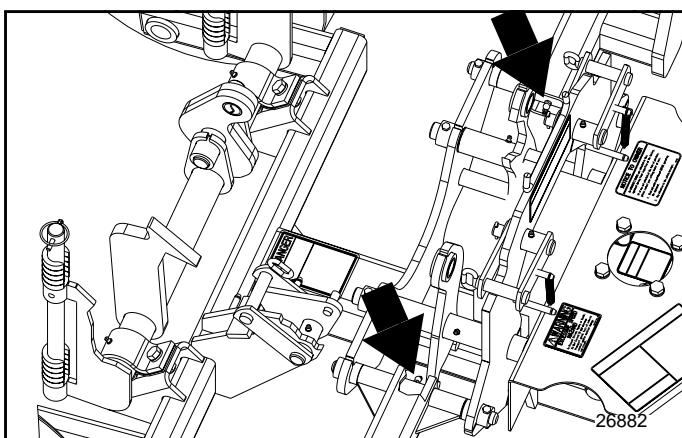
Type of Lubrication: Multi-purpose Grease

Quantity = As required

Section 5: Maintenance and Lubrication**Transport Locks**

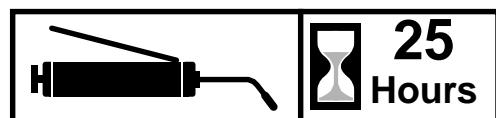
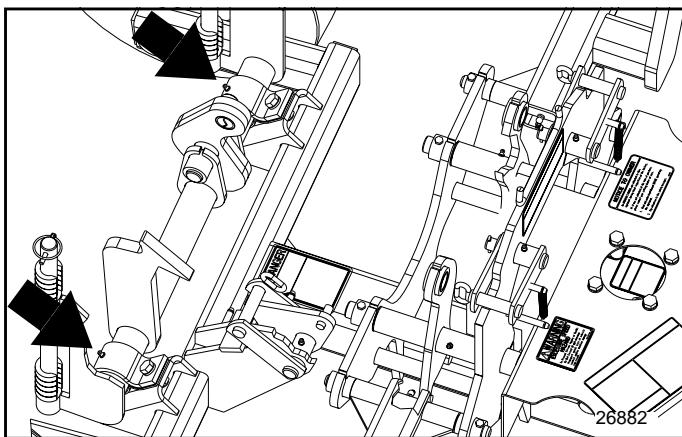
Type of Lubrication: Multi-purpose Grease

Quantity = As required

**Wing Deck Pivot Bushings**

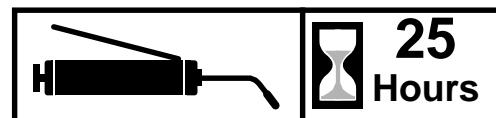
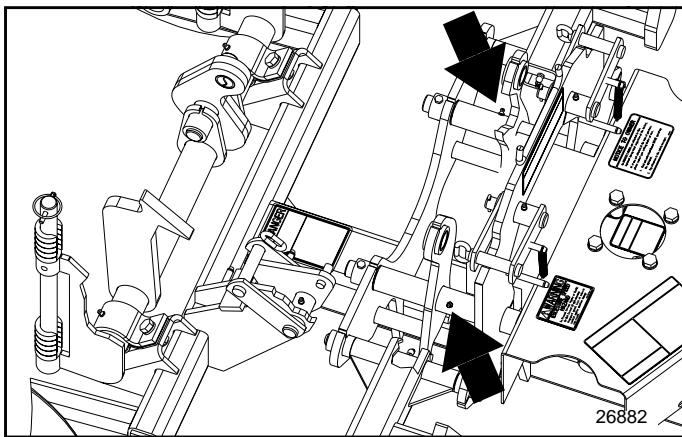
Type of Lubrication: Multi-purpose Grease

Quantity = As required

**Rear Deck Pivot Half Clamps**

Type of Lubrication: Multi-purpose Grease

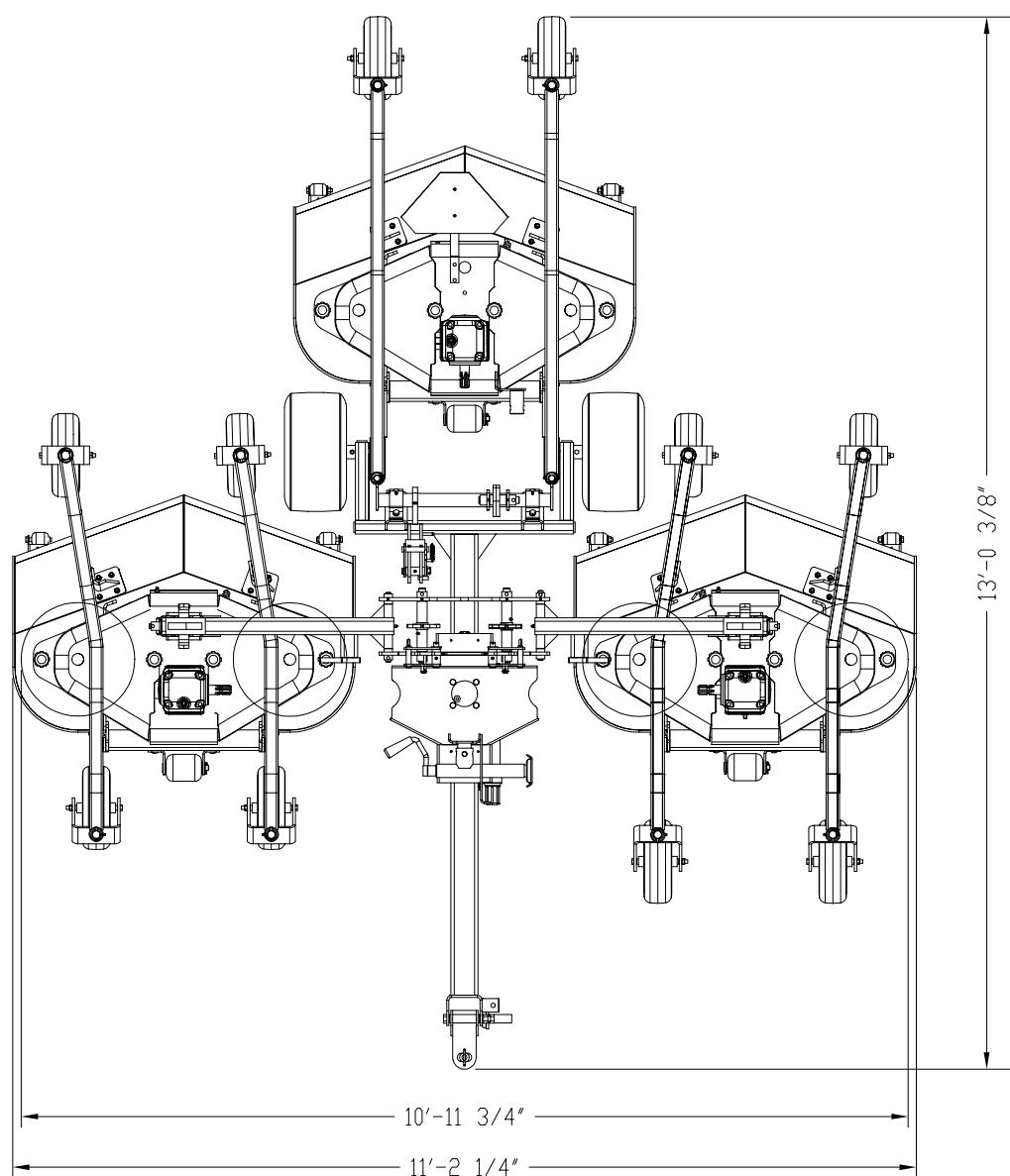
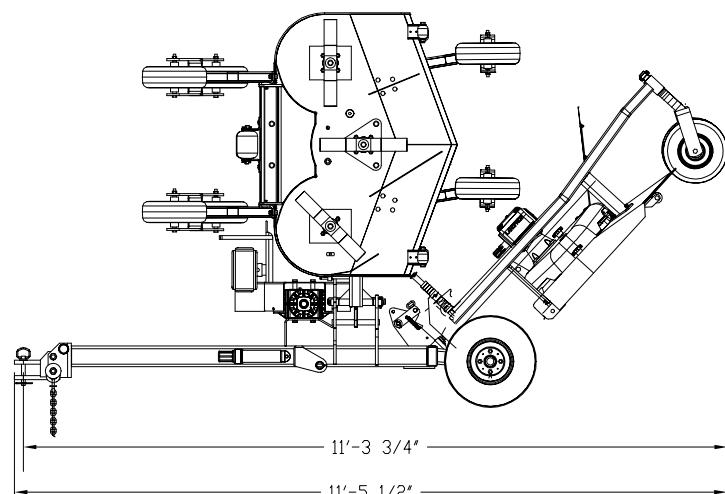
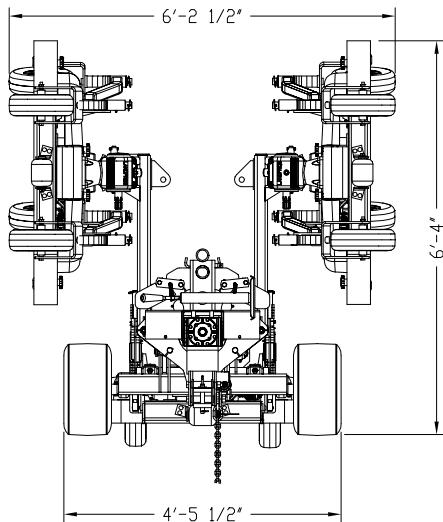
Quantity = As required

**Wing Flex Pivot Lugs**

Type of Lubrication: Multi-purpose Grease

Quantity = As required

AFM4211 All-Flex Grooming Mowers	
	Specification / Capacity
Discharge Type	Rear
Cutting Width	11'- 1"
Overall Width	11'- 3 1/2"
Transport Height	6'-5"
Transport Width	5'-6" At Mid Cutting Height
Overall Length	10'-11" Transport Position
Machine Weight	2,040 lbs.
Tractor Horsepower	Minimum 30 HP and Maximum 65 HP
Hitch	Pull Type With Adjustable Clevis and Safety Tow Chain
Tongue Support	2,200 lb. Capacity Screw Jack
Gearbox Support	3/8" Steel Channel
Gearboxes	540 RPM (1)-Splitter Gearbox and (3)-Wing Gearboxes
Main Driveline (1)	Category III Constant Velocity With or Without Slip Clutch
Deck Drivelines (3)	Category II With or Without Slip Clutch
Cutting Height	1" to 5 1/2" in 1/2" increments
Deck Size and Quantity	3 each at 48"
Deck Overlap	6"
Deck Thickness	3/16"
Anti-Scalp Roller	Front Center and Rear Outside Deck Corners
Blade Drive Belt	(1) - B-Section
Drive Belt Tensioning	Spring Loaded Idler
Blade Bearings	Sealed Ball Bearings
Blades Size and Type 3 Each Per Deck	1/4" x 2 1/2" x 16 7/8" Medium Lift Standard Optional Blades - Low Lift, High Lift & Mulching
Blade Overlap	1 3/16"
Blade Spindle Speed	3,628 RPM
Blade Tip Speed	16,020 FPM
Deck Tires	10 Each, Air 13" x 5", Sealant With Tapered Roller Bearings
Deck Wheel Spindles	1 1/4" With Nylon Bushings
Transport Tires	2 Each, 18" x 9.5", Sealant With Tapered Roller Bearings
Transport Locks	Automatic Transport Locks With Pull Rope Release
Wing Flex	23 Degrees Left To Right 22 Degrees Front To Back
Center Deck Flex	13 Degrees Front To Back
Hydraulic Outlets	1 Set Required
Deck Cylinders	Dual Acting
Gauge Wheel Arms	1/4" Wall Square Tubing
Turning Radius	Zero Turning Radius
Mowing Capacity	@ 2 MPH = 2.68 Acres Per Hour @ 4 MPH = 5.37 Acres Per Hour @ 6 MPH = 8.10 Acres Per Hour

Section 6: Specifications & Capacities

Section 7: Features and Benefits

AFM4211 All-Flex Grooming Mowers

Features	Benefits
Counter blade rotation on left hand deck	Spreads grass clippings more evenly. Wing decks throw grass away from the rear deck. Rear deck doesn't get covered up nor does it get bogged down by cut grass.
Narrow 5'-6" transport width at lowest cutting height	Not much wider than most tractors, makes for safer transport. Meets most city/county codes for transport width.
6" Deck overlap	Eliminates skipping when going into a tight turn.
11'-1" Cutting width – three 48" decks	Sized right for golf courses, cities, schools. Small decks give excellent flexibility.
Sleek frame design, including single beam hitch and compact deck overlap	Design allows operator to make tighter turns without leaving windrows and skips. AFM virtually becomes a zero turn mower. (Oversized tires may not allow this.)
Automatic transport wing locks	When wings are raised in the full transport position, the wings lock in place. No need to get off the tractor to lock. Pull rope from tractor seat to un-lock.
18" Transport tires with tapered roller bearings	Transport tires offer smooth roading and less grass compaction. Allows grass to stand up. Tapered roller bearings offer longevity.
Removable transportation tire spindles	Allows a spindle to be replaced by simply removing two bolts.
Back wheels on side decks even with transportation tires	Allows tighter turns without skips.
Rigid rear side deck tires.	Rigid wheel yokes holds hills and slopes better. Safer unit than the competition.
13" Deck tires with sealant	13" Tires offer great flotation, less lbs. per square inch. Sealant minimizes flats.
1/4" Gauge wheel arms	Gives the cutter gauge wheel arms a great deal of "hidden" strength.
Low pivot points on deck	The lower the pivot points are to the ground, the more side to side swing, allowing for excellent flotation from each deck.
Deflectors built into mower decks	Safety features meet ANSI standards. Many competitors use chains for protection. Once chains are removed the unit does not meet ANSI specifications.
Rear discharge	Even dispersal, discharged items are aimed downward. No rear chains are needed, which tend to clump damp grass.
Rounded front deck edges with no protruding skid shoe	Helps protect trees and other obstacles.
5/16" Front edge & all-welded seams	Provides extra durability.
Cat. 3 Constant velocity main driveline	Constant velocity main driveline allows for tighter turns without harming U-joints in driveline. Includes slip clutch option when wings are conventional.
Cat. 2 wing drivelines	Reduces start-up torque that is put on the driveline, gearbox and gearbox support. Includes slip clutch option when main driveline is without a slip clutch.
Slip-clutch protection	Guards against premature gearbox failure. Protects mower deck spindles.
ABS guards	No paint to scratch off, lighter weight, no rattling or rust.
Heavy gearbox mounts on center and side mower decks	Handles start-up torque better.
Gearbox HP Rating	30 -65 HP
Gearbox warranty	5 years on parts and labor. Demonstrates our confidence in the gearbox's quality and lasting performance.
Easy to grease blade spindles	No guards to remove for routine greasing of blade spindles.
Middle spindle sits towards the back of the mower deck.	Uses less horsepower and allows material to escape the mower deck easier. The discharge of material is more even. Design eliminates windrowing.
Spring loaded idlers	Applies constant tension to belt to run efficiently.
Easy belt tension release	Easily release belt tension for changing belt or for winter storage.
High blade tip speed	(16,260 fpm) Lifts grass up for a clean cut and efficient discharge of material. Tip speed rates are as high or higher than the competition.
Choice of Blade (Medium lift standard)	Low Lift - Highly recommended in sandy soils where lifting isn't crucial. Disturbs the soil very little, allowing blades to wear longer.
Others available thru parts dept.	Medium Lift - Medium suction for lifting grass. Requires less HP than high lift. High Lift - Greatest suction for lifting grass before cutting. Can take higher HP in tall dense grass. Not recommended in sandy soils. Mulching - Perfect for leaf mulching.

Section 8: Troubleshooting

Problem	Cause	Solution
Oil seal leaking	Gearbox overfilled	Drain to level fill hole
	Seals damaged	Replace seals
	Grass or wire wrapped on shaft in seal area	Clean off wrapped material and check seal areas daily
Driveline yoke or cross failing	Shock load	Avoid hitting solid objects
	Bottoming out	Shorten driveline profiles
	Front constant velocity driveline mounted wrong	Be sure constant velocity joint is to tractor PTO output shaft
	Folding mower with drive engaged	Never fold mower decks with PTO engaged
	Needs lubrication	Lubricate every 25 hours
Bent driveline (NOTE: driveline should be repaired or replaced if bent)	Contacting drawbar	Reposition drawbar
	Bottoming out	Shorten driveline profiles
Driveline telescoping profile failing	Shock load	Avoid hitting solid objects
Driveline telescoping profile wearing	Needs lubrication	Lubricate every 50 hours
Unable to turn sharply with mower engaged	Front constant velocity driveline mounted wrong	Be sure constant velocity joint is attached to tractor PTO output shaft
Blades wearing excessively	Cutting on sandy ground	Raise cutting height. Change to low lift blades
	Contacting ground frequently	Raise cutting height
Blades breaking	Hitting solid objects	Avoid solid objects
Excessive vibration	Driveline bent	Replace bent drivelines
	Blade broken or bent	Replace blade
	Cross not centered with yoke	Disassemble and inspect for incorrectly located needles or damaged bearing cap
	Debris in sheaves or on mower deck	Remove belt guard shield and clean debris from belt area and sheaves
	Sheaves damaged or out of alignment	Replace sheaves or align
	Drive belt damaged	Replace drive belt - check for belt contacting deck component.
	Inadequate clearance between belt guard shields & belt	Remove belt guard shields & clean debris from belt area & sheaves

Continue on next page.

Section 8: Troubleshooting

Problem	Cause	Solution
Discharge openings plugged	Belt not installed correctly	Check installation of belt
	Grass too wet	Wait until grass dries
	Grass too tall	Raise cutting height of mower and cut grass twice
	RPM of tractor too low	Mow at full throttle (540 PTO rpm) Check PTO speed & tractor engine
	Ground speed too fast	Shift transmission to a lower gear

**CAUTION!**

Do not try to clean discharge opening when mower is running. Bodily harm may occur.

Belt slipping	Plugged grooming mower	Unplug and clean mower deck
	Debris in sheave	Remove belt guard shields and clean sheaves
	Low belt spring tension	Retighten spring take-up bolt
	Worn belt	Replace belt
Patches of uncut grass	RPM of tractor too low	Mow at full throttle (540 PTO rpm). Check PTO speed & tractor engine
	Ground speed too fast	Shift transmission to a lower gear
	Blade damaged or dull	Sharpen & balance or replace blade
	Blade rotation wrong	Install correct rotation blade
Gearbox noisy	Low lubricant level	Check lubricant level
Blades scalping grass	Cutting too low	Raise cutting height by adjusting wheels
	Ridges in terrain	Change mowing pattern
	Fast turning speed	Reduce speed on turns
Uneven cut	Ground speed too fast	Shift to a lower gear
	Mower not level	Level mower
	Dull blades	Sharpen blades & balance or replace
Tractor loaded down by mower	RPM of engine too low	Mow at tractor's rated PTO RPM (540 PTO RPM)
	Ground speed too fast	Shift to a lower gear
	Debris wrapped around mower spindles or blades	Clean mower
	Tractor PTO horsepower rating too low	Raise cutting height of the mower and cut the grass twice. Shift to a lower gear. Use a tractor with more horsepower
	Blades lift too high	Change to lower lift blades if they will cut the grass satisfactorily

Section 9: Appendix

Torque Values Chart													
in-tpi ¹	Bolt Head Identification						mm x pitch	Bolt Head Identification					
	Grade 2		Grade 5		Grade 8			Class 5.8		Class 8.8		Class 10.9	
in-tpi ¹	N · m	ft-lb ³	N · m	ft-lb	N · m	ft-lb	mm x pitch	N · m	ft-lb	N · m	ft-lb	N · m	ft-lb
1/4" - 20	7.4	5.6	11	8	16	12	M 5 X 0.8	4	3	6	5	9	7
1/4" - 28	8.5	6	13	10	18	14	M 6 X 1	7	5	11	8	15	11
5/16" - 18	15	11	24	17	33	25	M 8 X 1.25	17	12	26	19	36	27
5/16" - 24	17	13	26	19	37	27	M 8 X 1	18	13	28	21	39	29
3/8" - 16	27	20	42	31	59	44	M10 X 1.5	33	24	52	39	72	53
3/8" - 24	31	22	47	35	67	49	M10 X 0.75	39	29	61	45	85	62
7/16" - 14	43	32	67	49	95	70	M12 X 1.75	58	42	91	67	125	93
7/16" - 20	49	36	75	55	105	78	M12 X 1.5	60	44	95	70	130	97
1/2" - 13	66	49	105	76	145	105	M12 X 1	90	66	105	77	145	105
1/2" - 20	75	55	115	85	165	120	M14 X 2	92	68	145	105	200	150
9/16" - 12	95	70	150	110	210	155	M14 X 1.5	99	73	155	115	215	160
9/16" - 18	105	79	165	120	235	170	M16 X 2	145	105	225	165	315	230
5/8" - 11	130	97	205	150	285	210	M16 X 1.5	155	115	240	180	335	245
5/8" - 18	150	110	230	170	325	240	M18 X 2.5	195	145	310	230	405	300
3/4" - 10	235	170	360	265	510	375	M18 X 1.5	220	165	350	260	485	355
3/4" - 16	260	190	405	295	570	420	M20 X 2.5	280	205	440	325	610	450
7/8" - 9	225	165	585	430	820	605	M20 X 1.5	310	230	650	480	900	665
7/8" - 14	250	185	640	475	905	670	M24 X 3	480	355	760	560	1050	780
1" - 8	340	250	875	645	1230	910	M24 X 2	525	390	830	610	1150	845
1" - 12	370	275	955	705	1350	995	M30 X 3.5	960	705	1510	1120	2100	1550
1 1/8" - 7	480	355	1080	795	1750	1290	M30 X 2	1060	785	1680	1240	2320	1710
1 1/8" - 12	540	395	1210	890	1960	1440	M36 X 3.5	1730	1270	2650	1950	3660	2700
1 1/4" - 7	680	500	1520	1120	2460	1820	M36 X 2	1880	1380	2960	2190	4100	3220
1 1/4" - 12	750	555	1680	1240	2730	2010							
1 3/8" - 6	890	655	1990	1470	3230	2380							
1 3/8" - 12	1010	745	2270	1670	3680	2710							
1 1/2" - 6	1180	870	2640	1950	4290	3160							
1 1/2" - 12	1330	980	2970	2190	4820	3560							
Torque tolerance + 0%, -15% of torquing values. Unless otherwise specified use torque values listed above.													
Additional Torque Values													
Blade Bolt 1/2"-20 UNF Gr 8			Do not exceed 55 ft-lbs.										

Tire Inflation Chart	
Tire Size	Inflation PSI
18 x 9.50 -8 x 4-Ply	24
4 x 11 x 5 2-Ply	22
4 x 11 x 5 4-Ply	46

Section 9: Appendix

Notes

Section 9: Appendix

Warranty

Land Pride warrants to the original purchaser that this Land Pride product will be free from defects in material and workmanship beginning on the date of purchase by the end user according to the following schedule when used as intended and under normal service and conditions for personal use.

Overall Unit and Drivelines: One year Parts and Labor

Gearbox: 5 years Parts & Labor

Cylinders: 1 year parts and labor (Hoses and seals considered wear items)

Belts, blades, friction discs in slip-clutch and tires are considered wear items

This Warranty is limited to the replacement of any defective part by Land Pride and the installation by the dealer of any such replacement part, and does not cover common wear items such as blades, belts, tines, etc. Land Pride reserves the right to inspect any equipment or parts which are claimed to have been defective in material or workmanship.

This Warranty does not apply to any part or product which in Land Pride's judgment shall have been misused or damaged by accident or lack of normal maintenance or care, or which has been repaired or altered in a way which adversely affects its performance or reliability, or which has been used for a purpose for which the product is not designed. Misuse also specifically includes failure to properly maintain oil levels, grease points, and driveline shafts.

Claims under this Warranty must be made to the dealer which originally sold the product and all warranty adjustments must be made through such dealer. Land Pride reserves the right to make changes in materials or design of the product at any time without notice.

This Warranty shall not be interpreted to render Land Pride liable for damages of any kind, direct, consequential, or contingent to property. Furthermore, Land Pride shall not be liable for damages resulting from any cause beyond its reasonable control. This Warranty does not extend to loss of crops, any expense or loss for labor, supplies, rental machinery or for any other reason.

No other warranty of any kind whatsoever, express or implied, is made with respect to this sale; and all implied warranties of merchantability and fitness for a particular purpose which exceed the obligations set forth in this written warranty are hereby disclaimed and excluded from this sale.

This Warranty is not valid unless registered with Land Pride within 30 days from the date of purchase by the end user.



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